

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICTS

1, 2 AND 3

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

**STORM WATER
MANAGEMENT PROGRAM
REGIONAL WORK PLAN
FOR FISCAL YEAR 2002/2003**

Region 5

**Central Valley Regional
Water Quality Control Board
CTSW-RT-01-075**

April 1, 2002



**California Department of
Transportation**

Districts 1, 2 and 3

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 1

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Rick Knapp
District Director

**APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 1

Cheryl Willis	Deputy District Director Planning
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Charlie Fielder	Deputy District Director Program/Project Management
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Martin D. Van Zandt	Deputy District Director Maintenance & Operations
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John Rodrigues	Chief, North Region Construction
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Kome Ajise, AICP	Chief, North Region Environmental
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**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 2

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Brian Crane
Acting District Director

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 2

Shirley Choate	Deputy District Director Program/Project Management
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Russell Wenham	Deputy District Director Maintenance & Operations
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Gary Pursell	Acting Deputy District Director Planning
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John Rodrigues	Chief, North Region Construction
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Kome Ajise, AICP	Chief, North Region Environmental
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**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 3

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Jody E. Lonergan
District Director

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 3

Daniel J. McElhinney	Chief, North Region Design & Engineering Services
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John Rodrigues	Chief, North Region Construction
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Steve Takigawa	Deputy District Director Maintenance
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Kome Ajise, AICP	Chief, North Region Environmental & District 3 Planning
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Steve Kirkpatrick	Deputy District Director Program/Project Management
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Gary Horn	Chief, North Region Right Of Way
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Tom Wood	Deputy District Director Operations
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1.0 Introduction

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002/2003 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 Department Personnel and Responsibilities

Portions of Caltrans Districts 1, 2, and 3 fall within the jurisdiction of the Central Valley Regional Water Quality Control Board (CV-RWQCB). Organization charts for Districts 1, 2, and 3 are included in Figures 2-1. Staff responsible for implementing the SWMP within the CV-RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Kome Ajise	Chief, North Region Environmental & District 3 Planning	(530) 741-4277	kome_ajise@dot.ca.gov	Oversees all North Region Environmental and District 3 Planning employees
Jeff Pizzi	Chief, North Region Office of Storm Water Management	(530) 229-0524	jeff_pizzi@dot.ca.gov	Oversees all Office of Storm Water Management employees within Districts 1, 2, & 3.
Sean Penders	Lahontan / Lake Tahoe Coordinator	(530) 741-4494	sean_penders@dot.ca.gov	Primary contact for all Lahontan/Lake Tahoe storm water issues.
Chris Holm	North Region - District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Primary contact for all District 1 storm water issues.
David Melendrez	North Region - District 1 NPDES Coordinator	(707) 445-5201	david_melendrez@dot.ca.gov	Primary contact for all District 1 storm water issues.
Jeff Pizzi	North Region - District 2 NPDES Coordinator	(530) 229-0524	jeff_pizzi@dot.ca.gov	Primary contact for all District 2 storm water issues.
John Holder	North Region - District 3 NPDES Coordinator	(916) 274-5819	john_holder@dot.ca.gov	Primary contact for all District 3 storm water issues.
Wesley Faubel	North Region Project Development Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists PE, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP.
Dale Sedler	North Region Construction Storm Water Coordinator	(530) 822-4424	dale_sedler@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
John Bulinski	District 1 Maintenance Storm Water Coordinator	(707) 445-2014	mike_yancheff@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

SECTION TWO

Regional Work Plans

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Dick Dier	District 3 Maintenance Storm Water Coordinator	(530) 741-5364	dick_dier@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

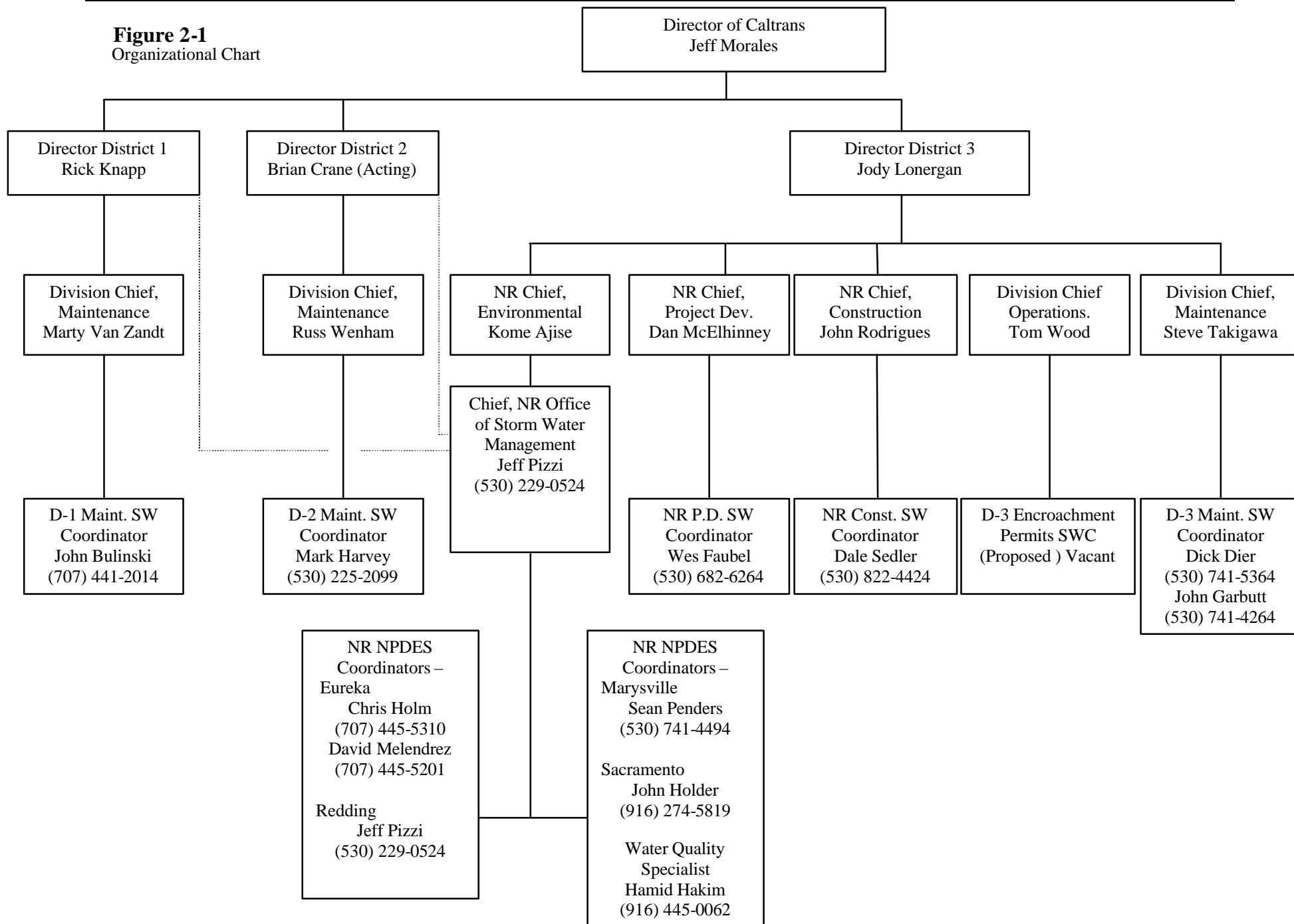
TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

POSITIONS OR INDIVIDUALS	DOCUMENTS AUTHORIZED FOR SIGNATURE
District Director	All District documents.
Deputy District Director, Planning	All Planning related storm water documents or as delegated by the District Director.
Deputy District Director, Program/Project Management	All Program/Project Management related storm water documents or as delegated by the District Director.
Deputy District Director, Maintenance and/or Operations	All Maintenance and/or Operations related storm water documents or as delegated by the District Director.
Chief, NR Environmental	All North Region storm water related documents or as delegated by the District Director.
Chief, NR Construction	All North Region construction related storm water documents or as delegated by the District Director.
Chief, NR Design & Engineering Services	All North Region Design & Engineering Services related storm water documents or as delegated by the District Director.

SECTION TWO

Regional Work Plans

Figure 2-1
Organizational Chart



3.0 District Facilities and Water Bodies

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District boundaries, major roads and highways within the Central Valley Regional Water Quality Control Board jurisdiction are presented in the accompanying figures.

TABLE 3-1: DISTRICT 1 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 1 - MAINTENANCE STATIONS				
Lak	20	28.4	Clear Lake Oaks	Highway Maintenance
Lak	29	45.1	Lakeport	Highway Maintenance
DISTRICT 1 - VISTA POINTS				
Lak	29	39.8		Vista Point
Lak	29	41.4	George G. Hoberg	Vista Point
DISTRICT 1 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None.				
DISTRICT 1 - SAFETY ROADSIDE REST AREAS				
None.				
DISTRICT 1 - PARK AND RIDE FACILITIES				
Lak	175	27.8	Middletown	Santa Clara & Graham Streets
Lak	29	39.8	Lakeport	0.3 m S Jct. Rtes 29 & 175
DISTRICT 1 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-1: DISTRICT 1, RWQCB AND H.U. BOUNDARIES

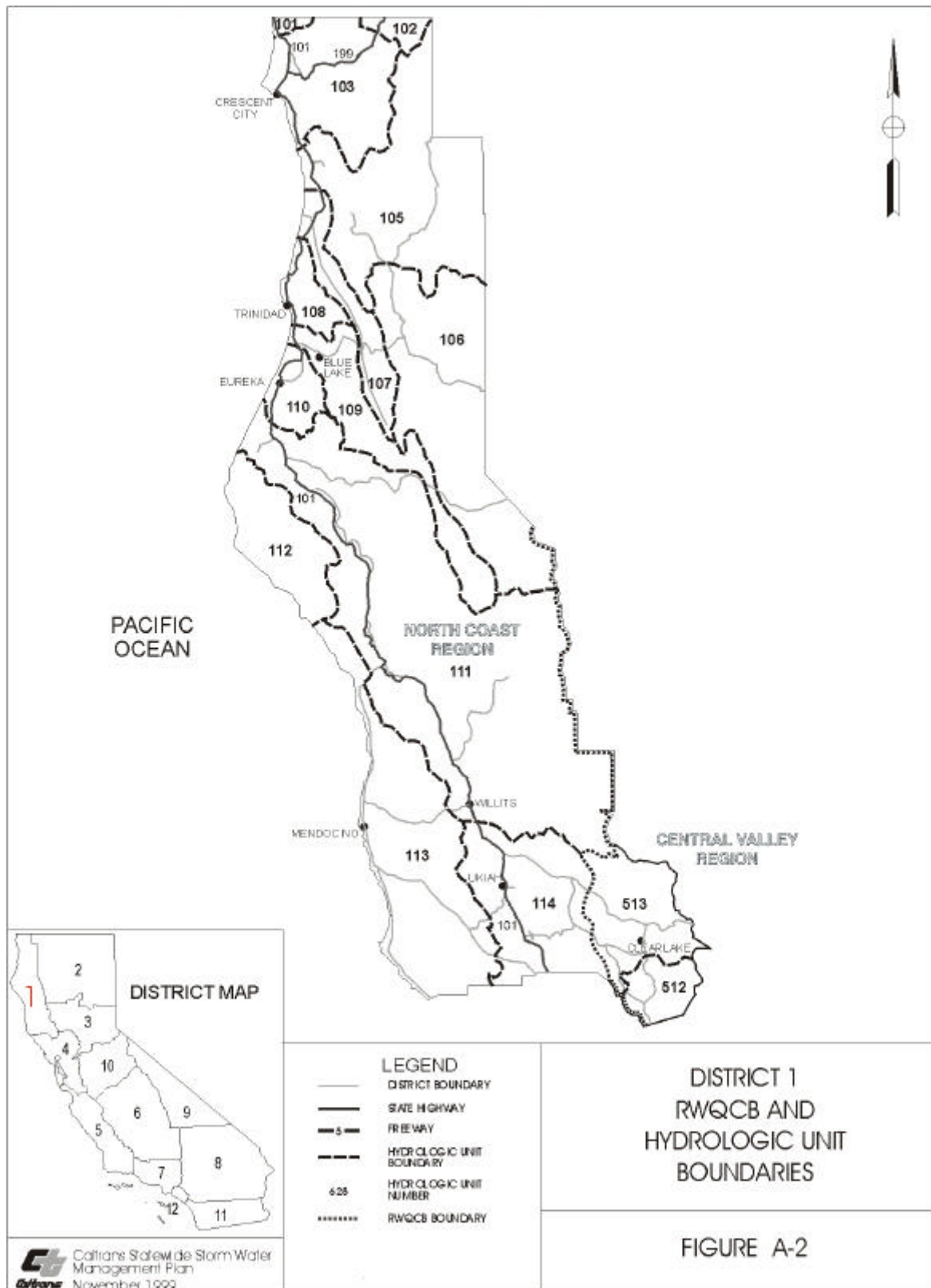


TABLE 3-2: DISTRICT 2 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE STATIONS				
But	70	042.1	Pulga	Highway Maintenance
Las	36	10.40	Fredonyer	Sand & Salt Storage
Las	36	98.70	Deer Creek	Sand & Salt Storage
Las	70	3.60	Hallelujah Jct.	Sand & Salt Storage
Las	139	32.20	Grasshoper	Sand & Salt Storage
Las	395	115.2	Termo	Sand & Salt Storage
Mod	139	044.9	Newell	Highway Maintenance
Mod	299	20.30	Canby	Sand & Salt Storage
Mod	299	025.6	Adin	Highway Maintenance
Mod	299	50.20	Cedar Pass	Sand & Salt Storage
Mod	395	023.0	Alturas	Highway Maintenance
Plu	36	006.5	Chester	Highway Maintenance
Plu	70	33.00	Greenville Wye	Sand & Salt Storage
Plu	70	045.3	Quincy	Highway Maintenance
Plu	70	55.20	Lee's Summit	Sand & Salt Storage
Plu	70	70.70	Willow Creek	Sand & Salt Storage
Plu	70	081.6	Beckwourth	Highway Maintenance
Plu	89	29.30	Canyon Dam	Sand & Salt Storage
Sha	5	014.5	Redding	Other Maintenance
Sha	5	014.5	Redding	Landscape Maintenance
Sha	5	014.5	Redding	Highway Maintenance
Sha	5	37.50	Salt Creek	Satellite
Sha	5	052.9	Gibson	Highway Maintenance
Sha	5	66.90	Castella	Sand & Salt Storage
Sha	36	008.7	Platina	Highway Maintenance
Sha	44	33.90	Shingletown	Sand & Salt Storage
Sha	44	062.5	Hat Creek	Highway Maintenance
Sha	273	16.00	Special Crews Office	Special Crews
Sha	299	68.20	Hatchet Mtn.	Sand & Salt Storage
Sha	299	075.6	Burney	Highway Maintenance
Sha	299	80.20	Burney Junction	Sand & Salt Storage
Sis	5	006.1	Mt. Shasta	Highway Maintenance
Sis	89	11.40	Bartle	Sand & Salt Storage
Sis	89	24.10	McCloud	Sand & Salt Storage
Teh	36	044.4	Red Bluff	Landscape Maintenance
Teh	36	044.4	Red Bluff	Highway Maintenance
Teh	36	082.2	Mineral	Highway Maintenance
DISTRICT 2 - VISTA POINTS				
Las	44	57.5	Panorama Point	Vista Point
Las	139	23.0	Eagle Lake	Vista Point
Mod	395	52.1	Goose Lake	Vista Point
Plu	147	0.4	Lake Almanor	Vista Point
Sha	5	62.5	Castella	Vista Point
Sha	151	1.47	Shasta Dam	Vista Point
Sha	299	16.5	Whiskeytown	Vista Point
Sha	299	69.7	Hatchet Mountain	Vista Point
Sha	299	89.56	Pit River	Vista Point
Sis	89	15.4	McCloud	Vista Point
Teh	36	9.8	South Fork Mountain Summit	Vista Point

CO	ROUTE	PM	NAME	DESCRIPTION
Teh	36	72.6	Battle Creek	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Sha	5	40.8	Cottonwood	SB
Sha	5	40.6	Cottonwood	Northbound (NB)
Sha	5	R7.2	Dunsmuir Grade	SB
Plu	70	33.0	Keddie	WB
Sha	299	12.6	Whiskeytown	EB
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Las	44	14.5	Bogard	28 mi. NW of Susanville
Plu	36	R12.8	Lake Almanor	4.3 mi. E of Chester
Plu	70	R79.1	L. T. Davis	3 mi. E of Portola
Plu	70	49.8	Massack	6.5 mi. E of Quincy
Sha	5	R31.1	O'Brien	9 mi. N of Project City
Sha	5	R43.1	Lakehead	0.9 mi. N of Lakehead O.C.
Sha	44	34.7	Shingletown	3.1 mi. E of Shingletown
Sha	299	60.6	Hillcrest	3.9 mi. E of Montgomery C.B.
Teh	5	R10.3	Lt. John C. Helmick	NB & SB
Teh	5	35.0	Herbert S. Miles	4.4 mi. N of Red Bluff; NB & SB
DISTRICT 2 - PARK AND RIDE FACILITIES				
Sis	89	34.3	Mt. Shasta	SE Corner Azalea Road & Route 89
Teh	5	41.5	Cottonwood	E side Bowman Road Interchange
Sha	44	7.0	Deschutes Road	NE Corner Deschutes Road & Route 44
Plu	70	66.6	Blairsden	N side Jct. Route 70 & Route 89
Sha	44	24.8	Black Butte Road	S side Black Butte Road & Route 44
Sha	44	31.7	Shingletown	N side Wilson Hill Road & Route 44
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-2: DISTRICT 2, RWQCB AND H.U. BOUNDARIES

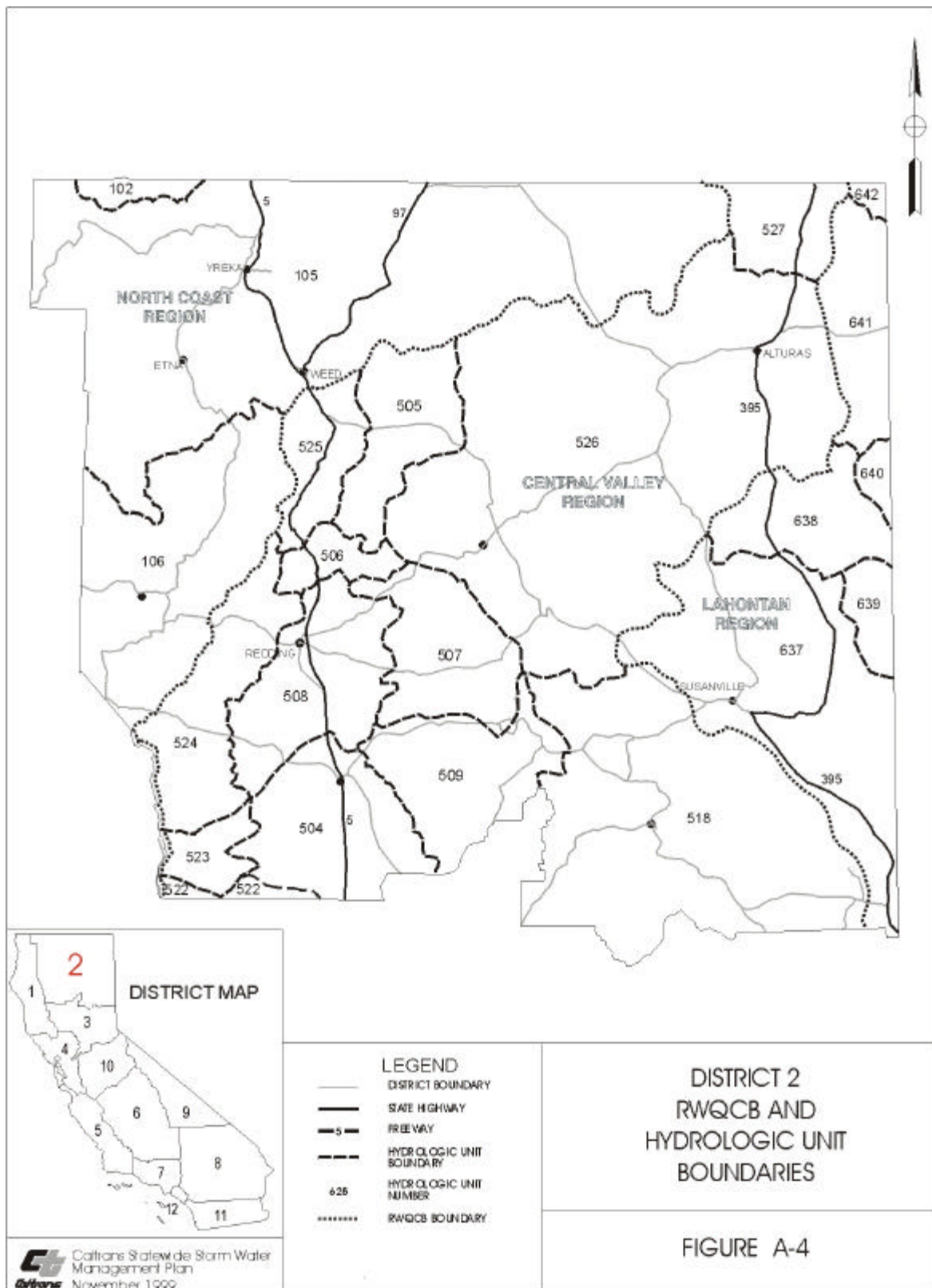
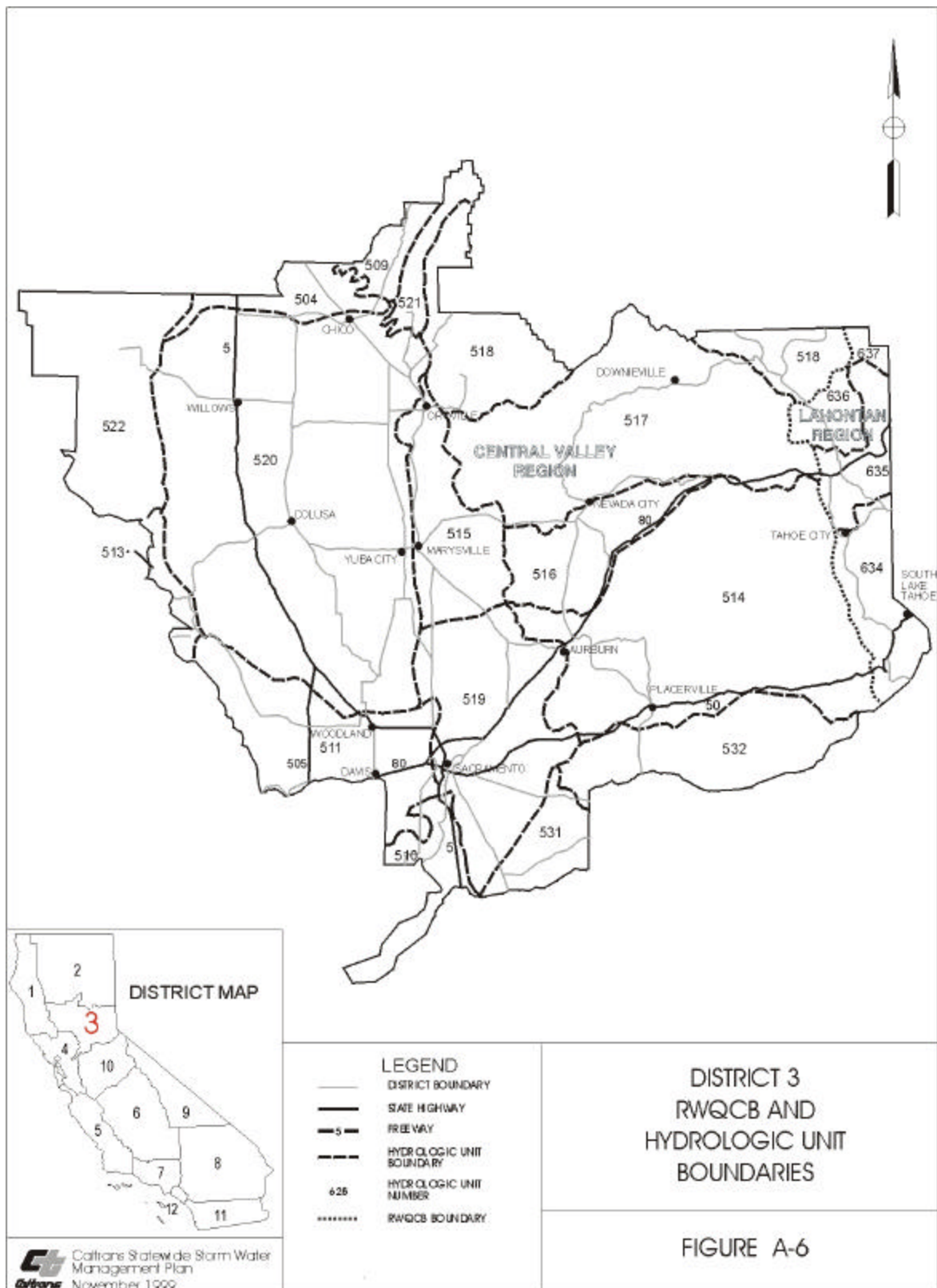


TABLE 3-3: DISTRICT 3 FACILITIES

CO	RTE	PM	NAME	DESCRIPTION
DISTRICT 3 - MAINTENANCE STATIONS				
But	99	30.4	Chico	Highway Maintenance
Col	20	21.9	Williams	Highway Maintenance
Col	20	30.0	Colusa	Highway Maintenance
Ed	50	18.6	Placerville	Highway Maintenance
Ed	50	38.10	Riverton	Sand And Salt Storage
Ed	80	42.10	Gold Run	Sand And Salt Storage
Gle	5	10.4	Willows	Highway Maintenance
Nev	20	15.70	Empire Street	Satellite
Nev	20	15.9	Nevada City/North Region	Highway Maintenance
Nev	20	45.70	Junction 80/20	Satellite
Nev	80	0.1	Kingvale	Highway Maintenance
Nev	80	5.10	Castle Peak	Sand And Salt Storage
Nev	267	0.6	Truckee	Highway Maintenance
Pla	49	4.7	Auburn	Highway Maintenance
Pla	80	50.7	Whitmore	Highway Maintenance
Pla	80	63.40	Cisco	Sand And Salt Storage
Pla	174	0.60	Colfax	Special Crews
Sac		0.0	Sacramento	Highway Maintenance
Sac		0.0	South Electric Shop	Special Crews
Sac	5	23.0	2 nd Street	Satellite
Sac	5	24.40	Richards Boulevard	Satellite
Sac	50	0.0	Sunrise Ms	Highway Maintenance
Sac	51	1.70	South Bridge Crew	Special Crews
Sac	80	0.30	3 rd Street	Satellite
Sac	80	3.1	Roseville	Highway Maintenance
Sac	80	3.90	E Street	Satellite
Sac	80	5.2	Northgate South Region	Highway Maintenance
Sac	99	12.8	Elk Grove	Highway Maintenance
Sac	99	20.90	47 th Avenue	Satellite
Sac	99	22.1	Fruitridge	Landscape Maintenance
Sac	99	23.10	12 th Avenue	Satellite
Sac	99	34.70	East Avenue	Satellite
Sie	49	19.8	Downieville	Highway Maintenance
Sut	99	31.10	Onstott Road	Satellite
Yol	16	28.4	Esparto	Highway Maintenance
Yol	80	0.92	West Sacramento	Highway Maintenance
Yol	113	11.5	Woodland	Highway Maintenance
Yub	20	1.5	Marysville	District 3 Office
Yub	20	1.60	Yuba Street	Special Crews
Yub	20	9.2	Marysville 12th St	Landscape Maintenance
Yub	70	13.2	Marysville	Highway Maintenance
DISTRICT 3 - VISTA POINTS				
SIE	49	45.3	Sattley	Vista Point
NEV	20	31.7	Washington Road	Vista Point
DISTRICT 3 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Sac	50	27.1	Camino	WB
Sac	80	16.0	Antelope	WB
Sac	80	15.9	Antelope	EB

CO	RTE	PM	NAME	DESCRIPTION
DISTRICT 3 - SAFETY ROADSIDE REST AREAS				
Sac	5	34.1	Elkhorn	at Sacramento Metro Airport
Yol	5	R26.3	Dunnigan	0.5 mi. N of Dunnigan; NB & SB
Col	5	R24.3	Maxwell	2 mi. S of Maxwell; NB & SB
Gle	5	R14.6	Willows	2 mi. S of Artois; NB & SB
Pla	80	1.4/41.4	Gold Run	between Sawmill & Gold Run OC; EB & WB
Nev	80	R5.6	Donner Summit	on Donner Pass; EB & WB
Nev	20	35.7	Alpha-Omega	4.1 mi. E of Washington Junction
DISTRICT 3 - PARK AND RIDE FACILITIES				
But	70	15.4	Oroville	NW Corner Grand Avenue & Third Street
But	32	10.3	Chico	First Street & Route 32
Ed	50	5.0	Cambridge Drive	at Cameron Dr Interchange
Ed	50	8.6	Ponderosa	Ponderosa & E. Shingle Springs Rd.
Ed	50	8.6	Ponderosa Rd. West	Ponderosa Rd. West
Ed	50	12.2	Greenstone	Greenstone Road I/C S of Placerville
Ed	193	0.0	Cool	SE Corner Route 193 & Route 49 in Cool
Nev	20	4.7	Pleasant Valley	Pleasant Valley Road & Route 20 W of G. V.
Nev	20	6.3	Penn Valley	NE Corner Penn Valley Road & Route 20
Nev	20	12.9	Grass Valley	Intersection of Rtes 49 & 174
Nev	49	1.6	Streeter	Streeter Road & Route 49 S of Grass Valley
Nev	49	7.2	Lime Kiln	Lime Kiln Road & Route 49 S of Grass Valley
Pla	49	5.9	Atwood	Atwood Road & Route 49 N of Auburn
Pla	80	3.1	Atlantic Street	NE Corner Atlantic St in Roseville
Pla	80	3.7	Taylor Road	Taylor Road near Route 65 O.C. near Rocklin
Pla	80	13.6	Newcastle	IC Newcastle Rd
Pla	80	13.8	Indian Hills	Indian Hills Road & Newcastle Rd
Pla	193	3.0	Sierra College Blvd	IC of Sierra College Blvd E and Lincoln
Sac	16	11.5	Sunrise	Sunrise and Hwy 16
Sac	50	15.8	Hazel	Hazel Ave Interchange near Orangevale
Sac	99	3.5	Twin Cities	Twin Cities Road & Route 104 in Galt
Sac	99	12.76	Elk Grove	Near Stockton Blvd. & S of Elk Grove Blvd.
Sac	99	14.9	Sheldon	SE Corner Sheldon Road N of Elk Grove
Sac	99	15.9	Calvine	Calvine Road IC SE Corner
Sac	99	33.4	Elkhorn	Elkhorn Blvd near Sacramento
Yol	80	9.2	Enterprise	SW Corner Enterprise Dr near W Sacto.
DISTRICT 3 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-3: DISTRICT 3, RWQCB AND H.U. BOUNDARIES



Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 High Risk Areas

A list of High-Risk areas within Districts 1, 2, and 3 is presented in Table 4-1. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and The Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of High-Risk municipal and domestic water supply reservoirs and ground water percolation facilities The Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and a Department facility, use characteristics of the facilities, and the probable spill response time.

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

ROAD SEGMENT	COUNTY	HIGH RISK AREA	DESCRIPTION	COMMENTS
DISTRICT 1				
20 / 13.3	LAK	Clearlake Intake	Water for Nice Mutual Water Co.	0.2 miles to facility. Appropriate BMPs will be considered for project 29620
DISTRICT 2				
44 / 49.2	SHA	Manzanita Creek	Water for Lassen VNP - Manzanita Lake	1.5 miles to facility. No projects planned in area.
151 / 0.0	SHA	Shasta Lake Intake	Water for City of Shasta Lake	0.3 miles to facility. No projects planned in area.
299 / 16.7	SHA	Whiskeytown Lake Intake	Water for Centerville C.S.D.	1.3 miles to facility. No projects planned in area.
DISTRICT 3				
70 / 30.0	BUT	Lime Saddle Treatment Plant	Water for Del Oro Water Co.-Lime Saddle Marina	1.5 miles to facility. No projects planned in area.
162 / 21.3	BUT	Lake Oroville Spillway	Water for CSP Lake Oroville-Spillway	2.0 miles to facility. No projects planned in area.
50 / 29.5	ED	Reservoir 01 Wtp	Water for El Dorado ID - Main	0.3 miles to facility. No projects planned in area.
50 / 3.4	ED	Bass Lake Wtp	Water for El Dorado ID - Main	1.8 miles to facility. Appropriate BMPs will be considered for project 3A710
193 / 5.9	ED	Auburn Lake Trails	Water for Georgetown Divide PUD	0.1 miles to facility. Appropriate BMPs will be considered for project 3A710
80 / 22.2	PLA	Bowman W.T.P.	Water for Placer CWA - Auburn/Bowman	0.5 miles to facility. Appropriate BMPs will be considered for project 0A600
16 / 19.5	SAC	Consumnes River (Lake Chesbro)	Water for Rancho Murieta CSD	2.3 miles to facility. NO PROJECTS PLANNED IN AREA.
49 / 33.3	SIE	Sardine Lake	Water for Sardine Lake Resort	1.0 miles to facility. No projects planned in area.

5.0 Implementation Activities

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Cat 1	EA #	Co.	Rte.	Post Mile	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envr. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	40970	LAK	20	31.1/32.5	Construct Interchg & Fmtg Rds 20/53	Nr. Sweet Hollow Crk - No Tributaries	SWPPP	> 1	9/00	7/05	9/08	2/09	10/12
2	D	41020	LAK	29	27.4/27.9	Vertical Curve Improvement	Thurston Creek	SWPPP	TBD	8/99	4/02	4/03	5/03	1/04
3	B	43260	LAK	020	009.4/012.1	Widen Paved Shoulders	Rodman Slough	SWPPP	> 2.5	9/02	7/04	TBD	1/05	TBD
4	D	29620	LAK	020	012.2/013.6	Continuous Left Turn Lane		SWPPP	> 1	3/96	6/99	7/02	10/02	10/04
5	D	42970	LAK	020	017.2/017.9	Remove Guard Railing / Modify Drainage	Lucerne Creek-Tributary to Clear Lake	SWPPP	TBD	3/01	12/02	12/02	1/03	11/03
6	B	27681	LAK	020	038.6/045.3	Roadway Rehabilitation		SWPPP	TBD	10/98	3/02	1/03	4/03	10/05
7	B	41460	LAK	020	039.8/040.5	Curve Improvement		SWPPP	TBD	10/01	4/04	9/05	1/06	11/08
8	B	42330	LAK	020	040.4/041.0	Curve Improvement	Clear Lake	SWPPP	TBD	10/01	9/04	12/05	2/06	12/07
9	B	41210	LAK	020	046.0/046.3	Curve Realignment	Clear Lake	SWPPP	TBD	11/01	1/03	1/04	4/04	TBD
10	D	40860	LAK	029	006.3/006.6	Channelization And Realignment	St. Helena Creek	SWPPP	TBD	6/99	8/01	1/02	2/02	7/04
11	D	23001	LAK	029	009.4/009.9	Bridge	Putah	401/WPCP	TBD	9/97	5/97	3/00	6/00	10/03

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No.	SWMP Cat 1	EA #	Co.	Rte.	Post Mile	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envr. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
						Replacement (Scour)	Creek							
12	B	42110	LAK	029	009.7/	Place RSP And Construct Spur Dikes	Putah Creek	WPCP	< 1	4/00	4/04	12/05	1/06	10/06
13	B	29810	LAK	029	023.9/027.9	Convert To 4 Lane Expressway		SWPPP	> 5	4/99	12/04	9/07	1/08	TBD
14	B	29490	LAK	029	027.9/031.1	Convert To 4 Lane Expressway		SWPPP	> 1	7/98	12/04	9/07	1/08	9/09
15	B	41160	LAK	029	031.1/R034.6	Convert To 4-Lane Expressway		SWPPP	> 1	8/01	7/06	TBD	3/11	TBD
16	B	29140	LAK	029	034.1/R040.9	Convert To 4-Ln Freeway/Expressway		SWPPP	> 1	8/01	7/08	3/13	3/13	3/15
17	D	38020	LAK	029	R034.9/	Modify Substructure At Piers(Scour)	Kelsey Creek	401/WPCP	TBD	9/98	9/98	5/00	6/00	10/02
18	D	34520	LAK	029	R038.3/R038.9	Modify Intersection	Manning Creek-Tributary to Clear Lake	SWPPP	TBD	11/99	4/02	1/03	2/03	7/04
19	D	42980	LAK	175	000.4/	Slope Restoration / Place Underdrain	S Fk Scotts Crk-Tributary to Clear Lake	WPCP	< 1	TBD	TBD	10/01	9/01	7/02
20	D	19413	MEN, LAK	020	43.0 / 44.1, 0.0 / 0.6	Widen Existing Highway	Upper Blue Lake	SWPPP	> 1	9/96	5/99	5/00	6/00	7/03

TABLE 5-1: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Cat.	EA #	Co.	Route	PM	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	D	29970	MOD	299	039.3/040.6	WIDEN TO 3 LANES		SWPPP	TBD	5/98	7/01	1/02	11/02	1/04
2	C	36032	MOD	395	011.0/025.2	ROADWAY REHABILITATION	Pit River	SWPPP	0.5	9/99	8/02	10/03	2/04	1/06
3	D	31140	PLU	49	0.1/7.4	MODIFY CULVERTS		SWPPP	TBD	4/99	8/01	12/01	2/02	10/03
4	D	3016U	PLU	70	003.0/007.0	BRIDGE REHABILITATION - Var locations	N. Fork Feather & var	SWPPP/401	TBD	TBD	1/97	4/01	5/29/01	1/03
5	B	37310	PLU	70	035.1/035.5	REPLACE BRIDGE NO. 9-15	Spanish Cr.	SWPPP/401	TBD	6/01	6/04	9/06	11/06	10/08
6	B	36900	PLU	89	10.1/10.8	INDIAN CREEK PASSING LANES -		SWPPP	TBD	11/01	TBD	TBD	TBD	TBD
7	D	38030	PLU	89	24.8/28.5	ADD DRAINAGE CAPACITY - Near Wolf Creek UP	Sheep Cr	SWPPP/401	0.1	8/96	2/02	9/02	12/02	9/03
8	D	38520	PLU	147	4.3/4.6	PLACE ADDITIONAL RSP NEAR CANYON DAM		SWPPP/401	TBD	8/01	8/01	11/01	5/02	4/03
9	C	30880	PLU	70	051.2/000.0	REPLACE BRIDGE		SWPPP/401	TBD	10/97	7/02	10/03	2/04	11/05
10	C	29990	PLU	70	051.3/051.9	CONSTRUCT EB PASSING LANE		SWPPP	TBD	10/97	7/02	10/03	2/04	11/05

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No.	SWMP Cat.	EA #	Co.	Route	PM	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
11	D	26336	PLU	70	078.4/086.0	ROADWAY REHABILITATION	Mid Frk Feather R.	SWPPP/401	>5	4/99	12/01	3/02	6/02	8/04
12	D	32760	PLU	89	002.7/003.2	REALIGN CURVES	Sulfur Cr	SWPPP	2.5	4/97	4/02	9/02	2/03	1/04
13	D	34420	PLU	89	003.2/003.6	REPLACE BRIDGE (SCOUR)	Sulfur Cr	SWPPP/401	1.2	10/98	9/01	2/02	2/02	1/03
14	B	37100	SHA	5	1.2/	COTTONWOOD HILLS		SWPPP	TBD	8/01	TBD	TBD	TBD	TBD
15	D	37450	SHA	5	40.2/40.2	ANTLERS BRIDGE REHAB. (BR# 6-89) - BRIDGE DECK REHAB.	Shasta Lake	SWPPP/401	TBD	6/01	10/01	12/01	1/02	10/02
16	B	37890	SHA	5	40.2/40.2	ANTLERS BRIDGE REPLACEMENT. (BR# 6-89) PDS PSR - BRIDGE REPLACEMENT	Shasta Lake	SWPPP/401	TBD	9/01	TBD	TBD	TBD	TBD
17	B	38750	SHA	5	R40.4/R44	ROADWAY REHABILITATION		SWPPP	TBD	9/01	TBD	TBD	TBD	TBD
18	B	36840	SHA	44	R3.6/R7	IMPROVE CAPACITY		SWPPP	30.0	2/00	1/05	9/06	12/06	11/09
19	C	36060	SHA	89	21.7/26.5	ROADWAY REHABILITATION		SWPPP	TBD	3/97	10/02	10/04	1/05	11/07
20	C	37050	SHA	299	50.87/51.7	REALIGNMENT - DRINKING FOUNTAIN CURVE		SWPPP	TBD	9/99	8/02	10/03	2/04	1/06

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No.	SWMP Cat.	EA #	Co.	Route	PM	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	D	26012	SHA	5	R006.4/R007.6	REPLACE BRIDGES	Sacramento River	SWPPP/401	TBD		4/00	6/00	9/00	8/04
22	C	32801	SHA	5	R015.1/R015.7	WIDEN STR, ADD AUX LNS & MOD RAMPS		SWPPP	TBD	1/99	1/02	6/03	10/03	8/07
23	C	31090	SHA	36	007.3/007.8	BRIDGE REPLACEMENT (SCOUR)	Mid Frk Cottowood Cr	SWPPP/401	TBD	8/97	2/02	4/03	7/03	12/04
24	C	32560	SHA	89	021.7/029.8	REPLACE BRIDGE & REALIGN RDWY	Lk Britton	SWPPP/401	TBD	9/99	10/02	10/04	1/05	11/07
25	D	32720	SHA	273	016.8/020.0	ROADWAY REHAB & BRIDGE WIDENING	Churn Cr	SWPPP	40.0	9/99	10/01	1/03	1/03	2/05
26	D	26120	SHA	299	020.3/023.8	ROADWAY REHAB (INCLUDING RAMPS)		SWPPP	40.0	9/99	1/01	12/01	3/02	12/03
27	B	36070	SHA	299	030.3/040.7	ROADWAY REHABILITATION		SWPPP	TBD	9/99	2/04	4/05	12/05	10/07
28	B	31050	SHA	299	076.2/091.4	ROADWAY REHABILITATION		SWPPP	TBD	10/97	7/03	11/04	1/05	7/07
29	D	31020	SHA	299	095.1/099.4	ROADWAY REHABILITATION	Pit River	SWPPP/401/303	49.0	10/96	6/01	2/02	3/02	1/04
30	D	37590	SHA	299	1/	CURVE IMPROVEMENT - Buckhorn	Willow Cr	SWPPP	1.5	2/00	10/01	TBD	TBD	TBD
31	D	37940	SHA, SIS	5	60/65.8	MEDIAN BARRIER - Castella	Sacramento River	SWPPP	TBD	12/99	7/00	12/01	1/02	11/03

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No.	SWMP Cat.	EA #	Co.	Route	PM	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
32		36434	SIS	5	2.7/R11.4	ROADWAY REHABILITATION	Sacramento River	SWPPP	>5				06/00	11/03
33	D	2618U4	TEH	5	R027.1/R027.8	CONSTRUCT TWO RAMPS AT ADOBE ROAD (PHASE 1)		SWPPP	TBD			1/01	4/01	10/02
34	B	37560	TEH	5	R26.5/R27.5	BRIDGE REPLACEMENT BRIDGE # 8-96R/L	Sacramento River	SWPPP/401	TBD	TBD	6/05	8/06		6/11
35	B	37070	TEH	5	R7.2/R7.7	SOUTH AVENUE INTERCHANGE -		SWPPP	TBD	6/01	TBD	TBD	TBD	TBD
36	D	37770	TEH	99	12.6/12.9	CONSTRUCT TWO WAY LEFT TURN - Los Molinos	Los Molinos Cr	SWPPP	2.5	2/00	8/01	2/02	7/03	12/03
37	B	30170	TEH	5	035.1/037.1	CONSTRUCT NB MEDIAN LANE		SWPPP	10.0	2/99	7/03	7/04	11/04	11/05
38	B	30171	TEH	5	R028.6/R031.7	CONSTRUCT NB MEDIAN LANE		SWPPP	10.0	12/98	7/03	7/04	11/04	11/05
39	B	35420	TEH	32	000.0/024.9	REHABILITATE ROADWAY		SWPPP	TBD	8/99	1/04	9/05	12/05	10/07
40	B	36000	TEH	36	041.9/	DECK REHABILITATION/SCOUR	East Sand Slough	SWPPP/401	TBD	8/00	TBD	TBD	TBD	TBD
41	B	36420	TEH	36	R098.9/R	DECK	N. Frk	SWPPP/40	TBD	10/00	TBD	TBD	TBD	TBD

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No.	SWMP Cat.	EA #	Co.	Route	PM	Project Description	Water Bodies Affected	Criteria2	Land Dist. Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
						REPLACEMENT, SCOUR MITIGATION	Deer Cr	1						
42	D	25147	TEH	99	008.4/000.0	BRIDGE REPLACEMENT (SCOUR)	Tooms Cr	SWPPP/401	TBD	8/97	4/02	7/02	10/02	12/03
43	D	34370	TEH	99	013.3/000.0	REPLACE BRIDGE (SCOUR)	Mill Cr	SWPPP/401	TBD		9/00	12/00	3/01	11/02
44	C	29592	TEH	99	016.0/017.3	REPLACE BRIDGE	Dye Cr	SWPPP/401	TBD	9/99	4/03	8/03	10/03	12/05
45	D	29593	TEH	99	017.4/18.4	BRIDGE REPLACEMENT (SCOUR)	Antelope Cr	SWPPP/401	TBD	10/98	5/01	03/02	5/02	12/03
46	D	36830	TEH	172	0/6.6	REPLACE CULVERTS - Mill Creek	Mill Cr	SWPPP/401	<1	9/99	5/01	4/02	7/02	3/03

TABLE 5-1: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	D	4A450	BUT	32	005.1/005.5	Construct 2 Way Left Turn Lane		SWPPP	1.4	5/99	9/01	1/02	3/02	12/02
2	B	3A630	BUT	70	010.6/013.6	Widen To 4 Lanes, Extend, Const I/C		SWPPP	30.0	4/99	2/02	12/04	5/05	1/09
3	B	36690	BUT	99	008.6/013.2	Base Repr, Ac Overlay, Widen		SWPPP	33.6	9/01	1/04	TBD	8/05	TBD
4	D	39180	BUT	99	013.2/021.6	Rdwy Rehab, Base Repair & Ac Overlay		SWPPP	>1	9/01	9/01	4/02	8/02	7/03
5	B	4A840	BUT	99	023.9/	Improve Interchange Connection		SWPPP	>1	10/01	7/04	TBD	8/05	TBD
6	D	3A810	BUT	99	R030.6/R034.2	Construct Median Barrier		SWPPP	11.7	9/99	10/01	12/02	12/02	2/04
7	B	3A040	BUT	99	R032.4/R033.3	Aux Lanes Revise Ic, Widen Ramps		SWPPP	>5	TBD	5/04	10/05	3/06	4/08
8	B	0C340	BUT	032	001.4/001.8	Realign & Left Turn Channelization		SWPPP	>1	9/01	1/04	TBD	8/05	TBD
9	C	36700	BUT	070	016.4/019.8	Base Repr, Ac Overlay, Vert Clr-2 Strc		SWPPP	7.0	4/94	8/99	8/01	10/01	3/03

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Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
10	C	2A600	BUT	070	026.2/026.7	Construct Right Turn Pocket		SWPPP	>1	8/99	4/01	5/02	7/02	12/03
11	B	3A270	BUT	099	004.1/004.4	Widen To 5 Lns, Curb/Gutter & Sdwk		SWPPP	>5	TBD	4/03	8/04	7/05	2/06
12	D	33870	BUT	099	T038.1/044.4	Widen, Ac Overlay, Extend Drainage		SWPPP	20.0	12/93	6/01	1/02	4/02	5/04
13	D	3822U	BUT	149	000.0/R004.6	Const 4 Ln Exprs & 2 Fwy To Fwy Ics		SWPPP	>100	6/91	12/01	3/02	7/02	2/06
14	D	1C400	BUT	149	R003.7/R003.8	Scour Mitigation/P lace Rip Rap	Clear Creek	401/SWPPP	<1	8/00	9/01	11/01	1/03	1/03
15	B	4A980	BUT	191	010.0/011.4	Widen, Con 2-Way Lft Tm Ln+ Signal & Swalks, Imp Shlds, Inst Storm Drain Sys		SWPPP	5.0	7/01	4/04	TBD	8/05	TBD
16	B	0C050	COL	20	032.8/033.6	Two Way Left Turn Way		SWPPP	2.3	9/01	7/03	TBD	9/04	TBD
17	B	44640	COL	20	036.0/038.0	Widen & Add Passing Lanes		SWPPP	5.2	7/97	4/02	1/04	5/04	1/07
18	D	0C900	COL	016	004.6/004.7	Rock Slope Protection		SWPPP	0.6	6/00	12/01	3/02	4/02	11/03
19	B	1A97U	COL	020	033.1/R039.3	Rehab Pavement		SWPPP	45.5	9/99	1/02	10/03	4/04	12/06

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Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
20	B	2A810	COL	020	R022.2/R039.3	Drainage & Operational Improvements		SWPPP	>1	TBD	7/02	TBD	2/05	TBD
21	B	3A440	COL	045	006.0/032.2	Drainage Improvements		SWPPP	>3	8/01	6/03	TBD	1/06	TBD
22	B	1A740	ED	49	004.5/009.8	Rehab Pavement		SWPPP	>1	9/01	6/03	TBD	11/05	TBD
23	A	4A960	ED	50	00.0/017.2	Park And Ride Improvements		SWPPP	30.0	9/01	8/07	TBD	TBD	TBD
24	C	43410	ED	50	00.2/R001.6	Revise Interchange		SWPPP	>3	TBD	6/00	1/03	5/03	1/05
25	B	3A710	ED	50	01.0/R008.5	Widening For Hov Lanes		SWPPP	15.0	4/99	4/02	1/04	10/04	10/06
26	D	0C890	ED	50	010.3/R010.4	Modify Existing Interchange		SWPPP	7.0	8/00	4/02	5/02	8/02	8/03
27	D	35551	ED	50	16.4/018.3	Operational Improvements		SWPPP	6.8	3/96	11/01	4/03	6/03	11/06
28	B	36740	ED	50	21.0/R025.5	Const Freeway With Interchange		SWPPP	98.0	6/00	4/04	2/06	4/06	7/08
29	C	36640	ED	50	22.8/R028.9	Widen Existing Highway		SWPPP	>10	6/91	10/99	5/00	2/01	7/02
30	D	0C210	ED-	50-	17.5/	Hangtown Creek Beautification		SWPPP	0.6	12/99	7/02	2/03	4/03	1/06
31	C	0A400	ED-	50-	71.5/073.7	Stabil Shoulder & Drain Improve		SWPPP	18.5	10/97	8/00	8/01	12/01	10/03

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Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
32	B	1A840	ED-	89-	00.0/027.4	Rehab/Widen/Water Quality Improve		SWPPP	>50	9/02	7/04	TBD	1/06	TBD
33	C	0A390	ED-	89-	23.6/024.7	Slope Stabilization & Drainage Imp		SWPPP	5.3	10/97	6/00	2/02	8/02	12/04
34	C	40230	GLE	32	R004.8/005.9	Bridge Replacement (Scour)	Stony Creek	401/SWPPP	8.7	5/97	7/99	8/01	11/01	4/05
35	C	37360	GLE	032	L000.2/R000.5	Realign Roadway		SWPPP	>1	11/91	2/01	11/02	3/03	3/04
36	D	4A010	GLE	162	076.7/	Mitigate Channel Migration	Sacramento River	401/SWPPP/303	<5	9/99	1/02	4/03	5/03	12/03
37	B	41240	NEV	20	R012.2/R014.8	Const New Interchg & Aux Lanes	Wolf Creek	SWPPP	8.0	1/99	3/02	12/04	4/05	5/07
38	B	1A530	NEV	020	000.5/R003.5	Curve Improvement And Widening	Slacks Revine	SWPPP	25.0	9/01	12/03	TBD	7/05	TBD
39	B	2A690	NEV	049	002.2/R013.4	Widen To 4 Lns With Cont Left Turn		SWPPP	>200	2/99	4/02	6/06	8/06	11/08
40	B	3A260	NEV	049	007.3/008.0	Widen Shoulder		SWPPP	>1	9/01	1/04	TBD	4/05	TBD
41	D	0C170	NEV	049	017.3/017.9	Construct Two Way Left Turn Lane		SWPPP	>1	12/99	12/01	12/02	2/03	9/03
42	B	2A880	PLA	65	R023.8/r024.6	4-Ln Expwy-New Alignment		SWPPP	>100	10/00	6/07	TBD	9/11	TBD

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Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
43	C	0A410	PLA	049	003.2/007.4	Operational Improvements		SWPPP	6.2	2/98	5/00	4/02	11/02	12/04
44	C	36771	PLA	049	11.2/ 11.4	Widen To 4 Lns With 2 Way Left Turn		SWPPP	24.0	10/97	1/01	11/01	12/01	11/03
45	B	33380	PLA	065	R012.2/R023.8	4-Ln Expwy With Intersections		SWPPP	400.0	6/98	8/02	10/04	12/04	11/07
46	C	40262	PLA	065	T012.6/012.9	Widening To Five Lanes		SWPPP	>1	TBD	5/00	9/01	11/01	12/02
47	B	36780	PLA	080	000.2/004.2	Add Hov Lanes		SWPPP	>1	12/00	10/02	8/03	3/05	3/07
48	C	37560	PLA	080	001.4/002.6	Widen & Revise Oc,Const New Inter		SWPPP	>5	TBD	9/00	12/01	8/02	12/04
49	B	34990	PLA	080	007.4/007.5	Reconstruct Interchange		SWPPP	>5	TBD	8/01	1/04	5/04	12/04
50	C	0A600	PLA	080	014.3/033.3	Rdwy & Bridge Rehab		SWPPP	13.1	10/97	10/97	1/01	6/01	7/05
51	B	1A80U	PLA	080	039.0/054.8	Rehabilitate Existing Highway		SWPPP	>1	11/99	7/01	8/03	11/03	11/07
52	B	0C690	PLA	080	041.7/041.8	Rehab Rest Area		SWPPP	>1	9/01	10/03	TBD	8/05	TBD
53	B	0C770	PLA	080	R064.5/069.2	Pvmt Rehab		SWPPP	<1	9/01	7/02	TBD	11/03	TBD
54	C	35292	PLA	193	000.0/003.3	Landscape Mitigation		SWPPP	2.8	1/01	10/00	4/02	10/02	7/06
55	B	1C580	PLA	193	004.1/	Const Left-Turn Channelization		SWPPP	>1	11/00	12/01	7/04	12/04	7/05

SECTION FIVE

Regional Work Plans

Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
56	B	41815	PLA	L57	2-MAINT/	Relocate Maintenance Station		SWPPP	<1	10/02	7/03	TBD	2/05	TBD
57	B	1A180	SAC	5	021.8/023.8	Widen Sh & Constr Left Turn Lane		SWPPP	>1	9/01	7/03	TBD	1/05	TBD
58	C	4A040	SAC	5	023.6/	Rehab Superstructure	Sacramento River	SWPPP/401/303	>1	11/99	11/99	2/02	8/02	2/04
59	D	31610	SAC	5	027.1/028.8	Const Interchange, Aux Ln & Meter		SWPPP	>5	TBD	10/01	10/01	12/01	3/04
60	B	42550	SAC	5	030.6/032.8	Construct Interchange		SWPPP	>5	TBD	4/03	9/03	10/03	10/05
61	C	4416U	SAC	50	012.2/023.1	Reconstruct Existing Interchange		SWPPP	>1	TBD	1/99	9/00	11/00	1/03
62	A	44161	SAC	50	L002.1/R007.0	Constr Hov Lanes In Both Directions		SWPPP	>1	9/01	2/06	TBD	TBD	TBD
63	D	3A600	SAC	80	M010.2/M010.3	Widen Offramp To Create Rt Turn Ln			<1	TBD	10/01	12/01	12/01	1/03
64	B	1C520	SAC	005	014.8/014.9	Construct New Interchange		SWPPP	>5	TBD	7/03	2/05	1/05	10/05
65	C	37080	SAC	050	R003.4/R003.9	Intersection Improvements		SWPPP	<5	TBD	3/01	2/02	1/02	12/02
66	B	2C420	SAC	051	001.8/002.4	West Conn For Prop Local Rd To Sr51		SWPPP	>5	TBD	5/03	5/04	8/04	3/06

SECTION FIVE

Regional Work Plans

Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
67	B	1C870	SAC	051	004.1/004.2	Modify Nb On/Off-Ramp & Sb On-Ramp			<1	TBD	7/04	5/05	5/05	10/06
68	D	1C800	SAC	051	006.9/	Widen On-Ramp			<1	1/01	7/02	11/02	12/02	7/03
69	C	2A860	SAC	051	008.0/008.9	Add Connector Lane		SWPPP	>1	2/99	9/00	5/01	5/01	1/03
70	C	3546U	SAC	080	009.1/017.9	Hov Lns, Upgr Ic, Constr Med Barrier		SWPPP	60.0	TBD	9/99	6/01	8/01	1/05
71	B	1C510	SAC	080	M000.0/m005.0	Const Aux Truck Parking Facility Srra		SWPPP	1.5	8/01	1/04	TBD	1/05	TBD
72	A	37970	SAC	080	M002.5/M009.1	Extend Hov Lanes		SWPPP	>1	10/01	6/06	TBD	TBD	TBD
73	D	1A340	SAC	099	009.4/010.7	Reconstruct Interchange		SWPPP	>5	TBD	12/01	6/02	8/02	7/04
74	B	37200	SAC	099	014.7/015.1	Widen Overcrossing And Revise Ramps		SWPPP	>5	TBD	7/03	8/04	7/05	9/07
75	C	0A781	SAC	099	017.6/021.6	Rehabilitate Roadway		SWPPP	<5	9/97	7/99	12/99	4/00	7/02
76	C	2A34U	SAC	099	035.4/	Wid Wb Apprch & Rephase Exst Signls		SWPPP	1.3	2/98	12/00	12/01	2/02	10/02
77	B	43720	SAC	160	005.9/020.9	Constr Cntrl House & Wlkwy, Scour	Sacramento River	SWPPP/401/303	<1	7/95	6/01	2/04	5/04	9/06

SECTION FIVE

Regional Work Plans

Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
78	C	41812	SAC	L5708		Construct New Maintenance Facility		SWPPP	0.6	7/97	9/98	2/00	4/00	1/02
79	D	2C640	SIE	049	016.8/	Rehab Bridge Deck	Yuba River	401	<1	TBD	10/01	2/02	3/02	12/02
80	B	1A432	SUT	99	011.7/014.0	Widen To Provide 4 Lane Segment		SWPPP	45.0	12/01	8/02	11/06	4/07	5/09
81	B	4A780	SUT	99	027.6/042.3	Widening		SWPPP	>5	11/01	8/07	TBD	1/11	TBD
82	C	38150	SUT	020	016.8/	Modify Interchange			<1	11/91	1/99	5/00	6/01	10/02
83	B	38642	SUT	070	5.0 / 8.3	Const 4-Ln Expwy		SWPPP	70.0	7/91	11/01	5/03	8/03	9/06
84	B	38641	SUT	070	R000.2/R005.5	Const 4-Ln Expwy		SWPPP	100.0	12/91	11/01	5/03	8/03	9/06
85	B	1A431	SUT	099	008.7/011.7	Widen To Provide 4 Lane Segment		SWPPP	42.0	2/98	8/02	11/03	2/04	7/06
86	A	1C320	SUT	099	008.7/014.3	Widen To 4 Lanes		SWPPP	134.0	TBD	8/02	TBD	TBD	TBD
87	B	1A461	SUT	099	016.8/022.7	Widen To 4 Lns; Add Left Turn Lane		SWPPP	47.0	11/00	8/02	4/04	7/04	11/06
88	C	1A46U	SUT	099	022.6/028.6	Widen To 4 Lns, Cont Left Turn Ln		SWPPP	60.0	TBD	9/00	12/01	4/02	7/04
89	B	37422	YOL	5	003.9/007.3	Constr N/B I5 To S/B 113 Connector		SWPPP	>1	TBD	4/00	4/04	10/04	7/11

SECTION FIVE

Regional Work Plans

Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
90	D	2A050	YOL	16	003.3/026.0	Improve Drainage-Increase Capacity		SWPPP	>1	10/99	1/02	8/02	11/02	11/03
91	B	38800	YOL	50	000.3/002.0	Widen Oc & Revise E/B Ramps - 6 Lns		SWPPP	20.0	5/98	8/01	9/03	8/04	2/07
92	D	39590	YOL	80	R011.3/R011.4	Bridge Rehabilitation	Sacramento River	SWPPP/401/303	1.6	11/99	6/01	8/02	11/02	7/04
93	B	0C470	YOL	016	018.1/031.7	Widen Sh & Constr Left Turn Lane		SWPPP	30.0	9/01	4/04	TBD	11/05	TBD
94	D	36841	YOL	080	002.6/003.5	Const Park & Ride, Landsc Interchg		SWPPP	13.3	3/00	6/01	7/01	8/01	1/06
95	C	38290	YOL	080	008.9/R010.1	Reconstruct Interchange		SWPPP	>1	7/97	12/97	5/00	8/00	11/02
96	C	36850	YOL	084	018.2/R021.8	Widen To 4-Lns		SWPPP	14.5	7/91	6/96	11/01	1/02	1/05
97	B	4A510	YUB	49	003.9/008.9	Replace Culverts	Yuba River	SWPPP	3.0	9/99	7/02	11/02	1/03	10/03
98	B	29730	YUB	65	R9.2/12.2, 0.0/ 1.7	Const 2-Ln Expwy & Br On New Align		SWPPP	>5	4/89	4/04	5/07	8/07	10/10
99	D	2A272	YUB	070	003.0/003.8	Cstr Nb On-R/Sb Off-R/Sb-On Loop/Oc		SWPPP	10.0	12/99	2/02	8/02	11/02	11/05
100	D	37610	YUB	070	R000.6/R007.0	Const 4-Ln Expwy		SWPPP	95.0	7/91	11/01	11/01	2/02	2/05

SECTION FIVE

Regional Work Plans

Number	SWMP Category	EA	Co.	Route	PM	Description	Water Bodies Affected	Criteria2	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
101	A	37230	YUB	070	R008.3/025.8	Const Exprwy On New Alignment		SWPPP	2275.0	7/99	7/04	TBD	TBD	TBD
102	D	0A290	YUB	L57	4-MAINT/	Cnstr Maint. Office, W.House & Equip Buildings		SWPPP	10.0	12/99	9/01	2/02	7/02	5/04

TABLE 5-1 LEGEND

(1) SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents not Final

(C) Environmental Documents final

(C) Environmental Documents final, design complete and project in the construction phase of project delivery

(2) CRITERIA

SWPPP=greater than 5 acres of land disturbance (1 acre after March 2003)

303d = 303(d) listed

401 = 401 Cert,

SEP= Supplemental Environmental Project

Retro=Storm Water Retrofit Project (SWMP 4.4.2)

LT= Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = High Risk Area Present

RB = RWQCB designated projects posing a threat to water quality

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

DISTRICT 1

Significant Road Maintenance Activities (1)						
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Completion Date
			None that require 401 certification.			
Maintenance Facility and Activity Inspections						
Maintenance Facilities at Ukiah, Lakeport, Fort Bragg and Garberville are scheduled for annual inspections by the District Storm Water Coordinator.						
Maintenance Facility BMP Improvements						
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.						
Maintenance BMP Actions/Modifications						
Sweeper waste disposal - Several disposal sites are used for sweeper waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events						
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.						
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface. If grindings are transferred to third parties, the RWQCB will be notified and guidance on placement and compaction will be provided.						
Vegetation Management and Vegetated Slope Management						
<p>The District 1 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>						
Vegetated Slope Evaluation: District 1						
County	Route	PM	Inspection Schedule	Remediation Action Planned		
Lak	20	9.3/18.59	FY 02/03	TBD	TBD	
Lak	29	10.23/20.47	FY 02/03	TBD	TBD	
Lak	175	0.00/8.19	FY 02/03	TBD	TBD	

SECTION FIVE

Regional Work Plans

DISTRICT 2

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Teh	89	3.7	Culvert Cleanout	Unnamed trib to Mill Cr.	401	FY 02/03	FY 02/03
Teh	89	3.9	Culvert Cleanout	Unnamed trib to Mill Cr.	401	FY 02/03	FY 02/03
Teh	36	85.58	Culvert Cleanout	Spring fed trib to Nanny Cr.	401	FY 02/03	FY 02/03
Teh	36	94.35	Culvert Cleanout	Spring fed trib to Gurnsey Cr.	401	FY 02/03	FY 02/03
Teh	36	94.42	Culvert Cleanout	Spring fed trib to Gurnsey Cr.	401	FY 02/03	FY 02/03
Maintenance Facility and Activity Inspections							
All Maintenance Facilities located within Region 5 are tentatively scheduled for inspection in the 2002/2003 fiscal year.							
Maintenance Facility BMP Improvements							
Implementation of BMPs at sand storage sites will be improved. Other BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District 2 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>							
Vegetated Slope Evaluation: District 2							
County	Route	PM	Inspection Schedule	Remediation Action Planned			
Sha	36	0/11.9	FY 02/03	TBD	TBD		
Sha	273	0/16.8	FY 02/03	TBD	TBD		
Sha	299	0/25.9	FY 02/03	TBD	TBD		
Teh	36	0/41.8	FY 02/03	TBD	TBD		

SECTION FIVE

Regional Work Plans

DISTRICT 3

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification.				
Maintenance Facility and Activity Inspections							
.Nine of the Districts 47 maintenance facilities are tentatively scheduled for inspection in FY 02/03.							
Maintenance Facility BMP Improvements							
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Snow and Ice removal - Snow and ice control practices will conform to the BMPs summarized in the De-icer report required for the Lahontan Region.							
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District 3 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>							
Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.							

SECTION FIVE

Regional Work Plans

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

DISTRICT 1

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
There are no monitoring sites currently located in District 1 within Region 5.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Annual Report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. Maintenance storm water training will be conducted the lead worker level. BMP implementation “tailgate” meetings are conducted every 10 days. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies

SECTION FIVE

Regional Work Plans

DISTRICT 2

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
Site-specific monitoring will continue to be conducted at two sites in Tehama County. One site is adjacent to TEH-5 in Red Bluff, the other adjacent to TEH-36, east of Red Bluff near Paynes Creek..
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies

DISTRICT 3

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
Site-specific monitoring will continue to be conducted at 6 active monitoring sites located in District 3 within Region 5.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted.. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICT

4

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

**STORM WATER
MANAGEMENT PROGRAM**

REGIONAL WORK PLAN

FOR FISCAL YEAR 2002/2003

REGION 5

**[CVRWQCB] Central Valley Regional
Water Quality Control Board**

CTSW-RT-01-075

April 1, 2002



DISTRICT 4

REGIONAL WORK PLAN



PREPARED BY:

CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 04

DISTRICT STORM WATER PROGRAM

STORM WATER MANAGEMENT COMMITTEE

111 GRAND AVENUE

OAKLAND, CALIFORNIA



April 2002

APRIL 2002 REGIONAL WORK PLAN

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National Pollutant Discharge Elimination System

Permit No. CAS000003

Order No. 99-06-DWQ

California Department of Transportation

District 04

Regional Work Plan

**CERTIFICATION
REGIONAL WORK PLAN
Central Valley Regional Water Quality Control Board
[CVRWQCB] Region 5
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 4

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

ANDREW FREMIER
Storm Water Program Manager
Caltrans District 4

Date: _____

SECTION ONE

REGIONAL WORK PLANS

1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) are to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002/03 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

REGIONAL WORK PLANS

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board and includes portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address
Andrew Fremier	Storm Water Program Manager	510-286-5896	Andrew_Fremier@dot.ca.gov
Michael Flake*	District Storm Water Coordinator	510-286-5664	Mike_Flake@dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirly Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Allen Baradar	Toll Bridge Coordinator	510-286-5636	Allen_Baradar@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Greg Ratliff	Public Affairs Representative	510-286-5820	Gregory_Ratliff@dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	Thomas_Franklin@dot.ca.gov

* Michael Flake is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the storm water coordinators (coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

Although, the District Division Chief (DDC) for Construction has been designated as the District Storm Water Program Manager, the storm water responsibilities are in excess and separate of those responsibilities of the DDC of Construction. It is proposed that the District Storm Water Program Manager position be a rotational assignment amongst the DDCs of Construction, Design, Maintenance, and Planning.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.

- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, “single point of contact,” on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department’s right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.

- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.

- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.
- Develops new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.

- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Toll Bridge Program Coordinator

The Toll Bridge Program Coordinator (TBPC) is the supervisor of the Toll Bridge Environmental Engineering (TBEE) unit, which provides services exclusively to the Toll Bridge Program. The Toll Bridge Program is responsible for numerous projects related to the retrofit or replacement of the Department's six Bay Area toll bridges. As a result, the TBPC has the same responsibilities as those described for the Environmental Engineering Coordinator, but these responsibilities are reserved exclusively for the Toll Bridge Program.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents, except Regional Work plan
Toll Bridge Coordinator	Notification of Construction (NOC)
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

SECTION THREE

REGIONAL WORK PLANS

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 4 major roads and highways and the District boundaries within the SFBRWQCB are presented on Figure A-7 and Figure A-8 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALA		0.0	Oakland	District 4 Office
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons ½
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott , Oakland
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	41.6	14 th Avenue (closed)	Special Crews
ALA	80	2.0	East Bay Paint	Special Crews

CO	Route	PM	Name	Comments
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
CC	680	0.1	Scott Creek Road (closed)	Satellite
SCL	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael

CO	Route	PM	Name	Comments
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson St., Napa
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	17	7.1	Los Gatos	Satellite
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280	3.6	Alemany/Specialty Region	Special Crews
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So. San Francisco 94101
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City

CO	Route	PM	Name	Comments
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmnt. 5500 West Jackson, Hayward 94545-3616
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SM	35	10.0	Skylonda (closed)	Satellite
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges (under construction)	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma

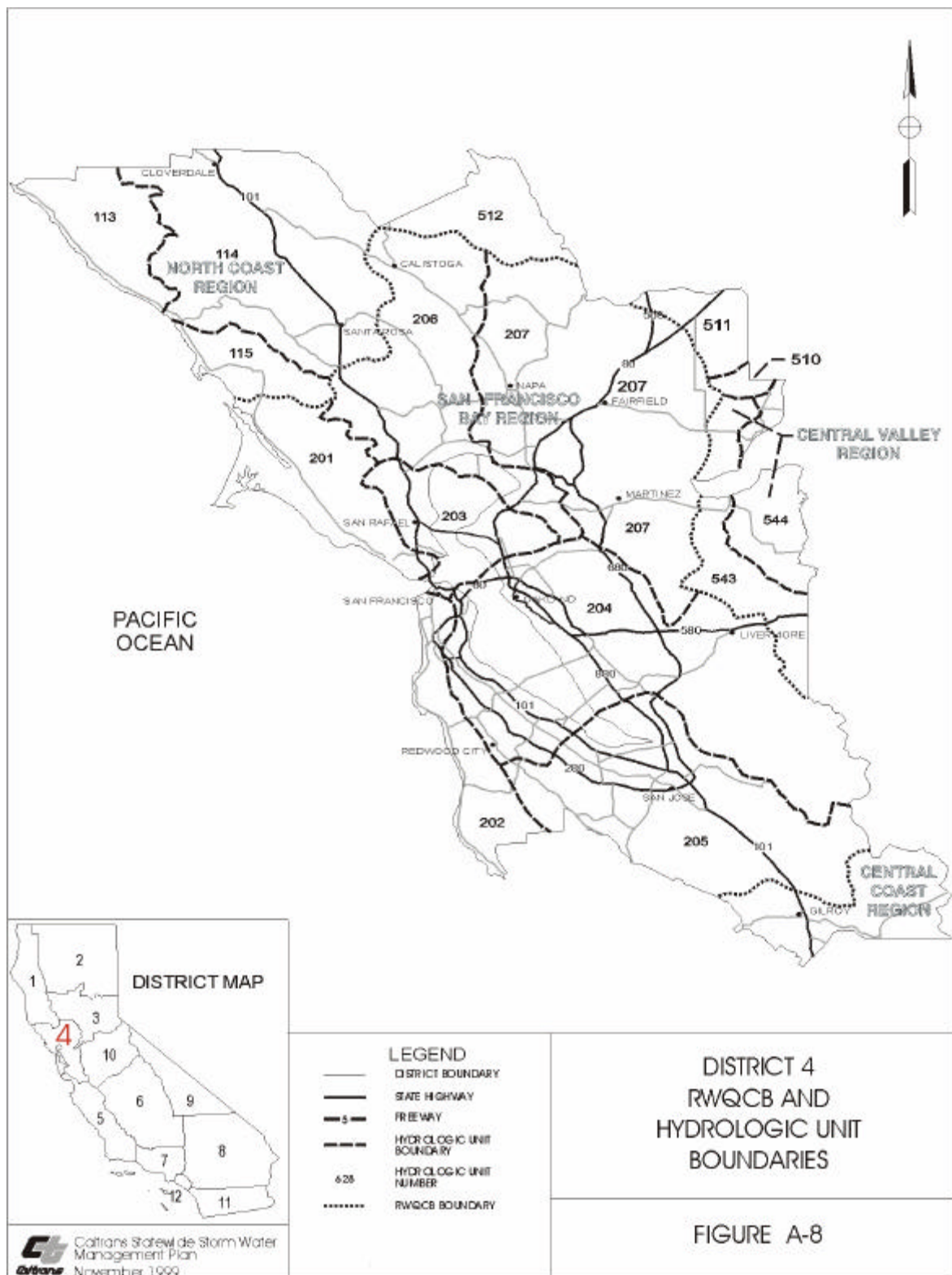
CO	Route	PM	Name	Comments
SON	116		Shellville	Special Crews, Jct. 12/116, Shellville
Vista Points				
SM	280	7.6		Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point
	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
SCL	35	14.1		Vista Point
NAP	29	6.6		Vista Point
Commercial Vehicle Enforcement Facilities				
SOL	80	14.4	Cordelia	Westbound (WB)
SOL	80	14.2	Cordelia	Eastbound (EB)
MRN	101	15.2	St. Vincents	Southbound (SB)
MRN	101	14.1	Terra Linda	Northbound (NB)
SCL	101	8.8	Gilroy	Southbound (SB)
ALA	580	R8.9	Livermore	WB
ALA	580	R9.2	Livermore	EB
ALA	680	R8.7	Mission Grade	NB
CC	680	16.0	Walnut Creek	SB
CC	680	15.9	Walnut Creek	NB
ALA	880	3.7	Nimitz	SB

CO	Route	PM	Name	Comments
ALA	880	4.2	Nimitz	NB
Roadside Rest Areas				
SM	280	R13.5	Crystal Springs	Near Crystal Springs Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
MRN	101	0.3	Dana Bowers	Northbound 101
Park and Ride Facilities				
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SON	116	35.0	Petaluma	SW corner Route 101 Interchange
SON	101	12.7	Cotati	SE corner of Route 116 IC
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC
CC	80	10.7	Willow	Willow Ave IC NW & SE corners
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.

CO	Route	PM	Name	Comments
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
ALA	580	30.7	John Drive	John Drive in Castro Valley
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
ALA	580	29.0	Castro Valley	SE corner @ Center St. in Castro Valley
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
MAR	101	10.8	Hetherton	4th & Hetherton in San Rafael
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo

CO	Route	PM	Name	Comments
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
MAR	101		Rowland Blvd	Rowland Blvd in Novato
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	17.7	Magellan Rd.	Magellan Rd. IC with I-80
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	12		Suisun City	Main and Florida
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	101	2.9	S. Petaluma Blvd.	SE corner IC
ALA	13	14.0	Folger St.	I-80 27th St.
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
MAR	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>



SECTION FOUR

REGIONAL WORK PLANS

4.0 HIGH RISK AREAS

A list of high risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo County crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.
Road Segment/ Facility	County	High Risk Area	Description	Comments

Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

SECTION FIVE

REGIONAL WORK PLANS

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted By Project	Criteria**	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Environmental Evaluation	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	B	22850	CC	4	23	31.5	Prep Mis, Psr & Implementation Plan	Kirker Creek	SWPPP/401	2/1/00	3/1/02	4/1/04	1/1/05	1/1/08
2	C	24653	CC	4	35.1	41.1	Constr Seg 3 Of Sr 4 Bp	Marsh Creek, Kellogg Creek	SWPPP/401		12/13/94	10/1/08	1/1/09	10/1/10
3	D	0T070	SOL	113	11.6	11.9	Bridge Replacement (Scour)	Ulati Creek; Alamo Creek	SWPPP/401	8/29/95	9/15/98	4/10/00	11/1/00	9/1/02
4	C	0T102	SOL	12	30.7		Replace Round Hill Creek Bridge	Roundhill Creek	SWPPP/401	10/15/99	4/24/00	7/31/01		4/1/03
5	B	0T110	SOL	113	9.6	19.8	Structural Section Repair	Alamo Creek, Alamo Creek Canal	SWPPP/401		10/1/04	8/1/06	5/1/07	11/1/08
6	C	4C020	SOL	113	0.1	0	Replace Bridge (Scour)	Roundhill Creek	SWPPP/401	10/30/98	4/13/99	5/18/01		11/1/03
7	D	4C040	SOL	113	11.6	0	Repair Bridge Scour	Alamo Creek Canal	SWPPP/401	9/30/99	9/30/99	12/29/00		
8	C	32540	SOL	80	29.8	30.5	Modify Interchange (100%Loc)	Eames Drain; Horse Creek	SWPPP	1/10/85	7/1/99			
9	A	4C080	SOL	80	26.6	0	Replace Bridges (Scour)	Ulati Creek	SWPPP/401	10/31/01	1/1/04	1/1/06	10/1/06	10/1/09
10	A	44450	SOL	80	27.2	28.3	Weave Correction	Horse Creek And Pine Tree Creek	SWPPP/401	9/1/01	9/1/02	7/1/03	3/1/04	7/1/05

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted By Project	Criteria**	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Environmental Evaluation	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
11	C	24850	SOL	80	26	27	Scour Mitigation, Modify Gabion			9/1/97	9/1/97			
12	D	44860	SOL	80	27.1	27.4	Modify Interchanges (100% Local)			7/15/94	11/29/95	12/12/95	4/1/03	6/1/04

* SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents are not final

(C) Environmental documents final

(D) Environmental documents final, design complete and project in the construction phase of project delivery

** Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body within project limits and affected by project

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated project as a potential threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SOL	12	19.1	Clean		401	Spring 2004	?
SOL	12	19.55	hand clean		401	?	Fall 2002
SOL	12	19.7	Clean		401	Spring 2004	?
SOL	12	19.9	Clean		401	Spring 2004	?
SOL	12	20.2	Clean		401	Spring 2004	?
SOL	12	20.5	Clean		401	Spring 2004	?
SOL	12	20.6	Clean		401	Spring 2004	?
SOL	12	20.8	hand clean		401	Spring 2004	?
SOL	12	21.02	hand clean		401	Spring 2004	?
SOL	12	21.2	hand clean		401	Spring 2004	?
SOL	12	21.4	Clean		401	Spring 2004	?
SOL	12	21.6	Clean		401	Spring 2004	?
SOL	12	21.75	hand clean		401	Spring 2004	?
SOL	12	21.95	Clean		401	Spring 2004	?
SOL	12	22.1	hand clean		401	Spring 2004	?

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SOL	12	22.2	Clean		401	Spring 2004	?
SOL	12	22.5	Clean		401	Spring 2004	?
SOL	12	22.6	Clean		401	Spring 2004	?
SOL	12	22.9	hand clean		401	Spring 2004	?
SOL	12	23.1	Clean		401	Spring 2004	?
SOL	12	23.3	Sanivac		401	?	Fall 2002
SOL	12	23.65	Clean		401	Spring 2004	?
SOL	12	24.1	Clean		401	Spring 2004	?
SOL	12	24.2	Clean		401	Spring 2004	?
SOL	12	24.4	Clean		401	Spring 2004	?
SOL	12	25.3	hand clean		401	Spring 2004	?
SOL	12	25.1	Clean		401	Spring 2004	?
SOL	84	1.2	Clean		401	Spring 2004	?
SOL	84	1.15	Clean		401	Spring 2004	?
SOL	84	0.7	Clean		401	Spring 2004	?
SOL	84	0.5	hand clean		401	Spring 2004	?

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SOL	84	0.25	Clean		401	Spring 2004	?
SOL	84	0.2	Clean		401	Spring 2004	?
SOL	84	0.18	Clean		401	Spring 2004	?
SOL	84	0.15	Sanivac		401	Spring 2003	?
SOL	84	0.13	Sanivac		401	Spring 2003	?
SOL	84	12.3	hand clean		401	Spring 2004	?
SOL	84	12.7	Clean		401	Spring 2004	?
SOL	160	3	Clean		401	Spring 2004	?
SOL	220	2.7	Clean		401	Spring 2004	?
SOL	220	2.55	Clean		401	Spring 2004	?
SOL	220	1.4	Clean		401	?	?
SOL	220	0.5	Clean		401	Spring 2004	?

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Maintenance Facility and Activity Inspections				
All Maintenance Facilities within District 4 will be scheduled for annual inspection by the District Maintenance Storm Water Coordinator. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.				
The District Storm Water Coordinator will identify and schedule an inspection of all temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.				
Maintenance Facility BMP Improvements				
Inspections described above must be conducted before identifying any improvements. The Regional Work Plan for next year will identify any improvements to be recommended.				
Maintenance BMP Actions/Modifications				
Inspections described above must be conducted before identifying any actions or modifications. The Regional Work Plan for next year will identify any improvements to be recommended.				
Vegetation Management and Vegetated Slope Management				
The District 4 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:				
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 				
Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.				
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.				

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

303d	=	303 (d) listed water body with project limits and affected by project
401	=	401 Certification/Waiver required
LT	=	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	=	Project limits within High Risk Area
RB	=	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of each construction site associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs. The reviews will be completed during the period of September 1, 2002 to November 1, 2002.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Approximately 4 training events are planned. Similar events will be planned for outreach to each of the transportation authorities (i.e. Contra Costa Transportation Authority), which commonly plan and design projects for construction within the Caltrans right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2002.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need “refresher” training and any new staff. The need is unknown at this time, but the number of training events is assumed to be no greater than that held during the Fall of 2001. Additional training that specifically addresses responsibilities of Resident Engineers will be equivalent to the same training provided during the Fall of 2001. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way.	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none">• Annual Awareness Training• BMP tailgate meetings with crews every 10 working days• Facility Inspections to verify compliance - review with crew and supervisors• Operational BMP inspections to verify compliance - review with crew and supervisors <p>Verification of all Annual Awareness Training is accomplished through the use of training forms and/or a sign in sheet. A test that consists of 10 questions is completed to verify the effectiveness of the Annual Awareness Training.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees.</p> <p>Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District developed a Storm Water Pollution Prevention pamphlet approximately five years ago as apart of the District's previous storm water permit obligation. This pamphlet contains a variety of useful facts and information regarding storm water, the pamphlet provides advice to motorists on properly maintaining their vehicles, disposing of used vehicle fluids, and the advantages of alternative transportation modes. The Storm Water Pollution Prevention pamphlet will be available to the public at the District Office and any field Public Information Offices.</p>
<p>Municipal Coordination</p>
<p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Caltrans right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICT

6

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 5

Central Valley Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 6
2015 E. Shields Ave., Ste. 100
Fresno, California 93726-5428

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region 5
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 6

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

ORIGINAL SIGNED BY

Joseph M. Leonardo
District Director
District 6 – Central Region

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how Department Districts will specifically implement the Statewide Storm Water Management Plan (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2002-2003 as required by the Department's Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Department Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Most of the Department's District 6 falls within the jurisdiction of the Central Valley RWQCB. District 6 is one of four Department Districts that comprise the Department's Central Region. A Department Central Region Storm Water Organizational Chart is included as Figure 2-1 on page 2-3. Staff responsible for implementing the SWMP within the Central Valley RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Senior Regional NPDES Coordinator	559-243-3565	Marc.Boswell@dot.ca.gov	Primary contact for all storm water issues. Oversees all Central Region Proj. Dev. Div. SW Control employees.
Richard Balzer	Regional NPDES Coordinator	559-243-3417	Richard.Balzer@dot.ca.gov	Assists in coordination of Storm Water activities within the Central Region.
Larsen Boyer	Regional NPDES Coordinator	559-243-3419	Larsen.Boyer@dot.ca.gov	Assists in coordination of Storm Water activities within the Central Region.
Darren Cousineau	Regional NPDES Coordinator	559-243-8007	Darren.Cousineau@dot.ca.gov	Assists in coordination of Storm Water activities within the Central Region.
Paul Varney	Regional NPDES Coordinator	559-243-3568	Paul.Varney@dot.ca.gov	Assists in coordination of Storm Water activities within the Central Region.
Larry Lowe	Regional Construction SW Coord	559-444-2594	Larry.Lowe@dot.ca.gov	Coordinates Storm Water activities within the Central Region Construction Division.
Rudy Chavez	District Maintenance SW Coord	559-444-2560	Rudy.Chavez@dot.ca.gov	Coordinates Storm Water activities within the District 6 Maintenance Division.
John Haen	District Maintenance SW Supt	559-488-4071	John.Haen@dot.ca.gov	Field training and oversight; compliance reviews on facilities and activities.
Stanley Bates	District Maintenance SW Supervisor	559-488-4108	Stanley.Bates@dot.ca.gov	Slope stabilization / erosion control; construction reviews for Maintenance acceptance.

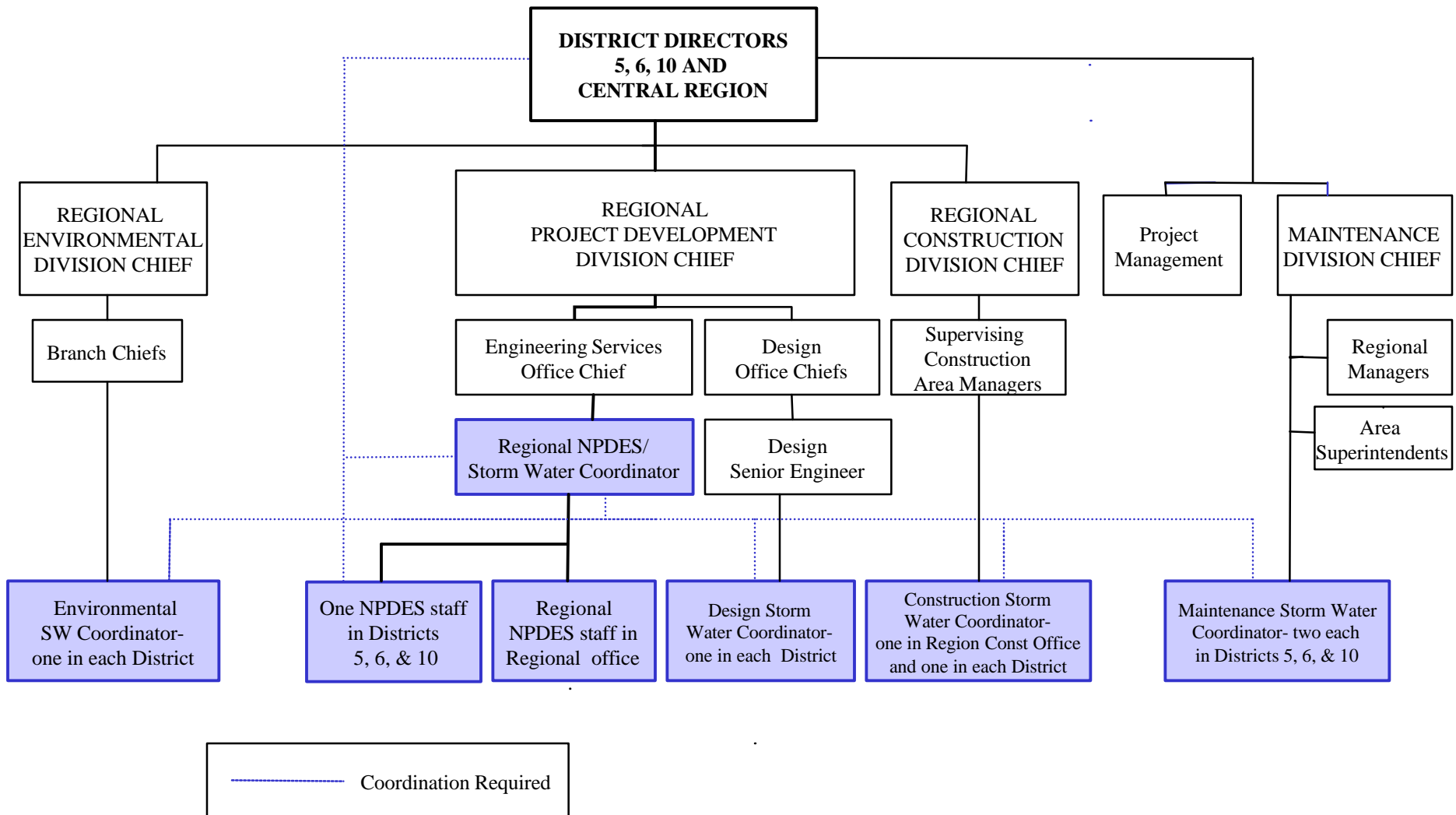
In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board (SWRCB) or the RWQCBs.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
Senior Regional NPDES Coordinator	All Central Region storm water related documents except Regional Work Plan and Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	Amendments to NOC; SWPPP approval; NOCC
Maintenance Senior Environmental Planner	Maintenance activity reports
Maintenance SW Superintendent	Maintenance activity reports

**DISTRICTS 5, 6, 10 and CENTRAL REGION
STORM WATER ORGANIZATIONAL CHART**

FIGURE 2-1



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department's facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. A map showing the District 6 boundaries within the Central Valley RWQCB and major roads and highways is presented in the *Caltrans Statewide Storm Water Management Plan*, Appendix A, Figure A-11, page A-36.

TABLE 3-1: DISTRICT 6 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
FRE	99	23.3	Fresno	District 6 Office
FRE	99	23.3	North Region and Pine Avenue	Regional Maintenance
FRE	99	23.3	West Avenue	Special Crews
FRE	33	19.9	Coalinga	Highway Maintenance
FRE	168	45.1	Shaver Lake	Highway Maintenance
FRE	180	24.7	Mendota	Highway Maintenance
KIN	41	18.1	Kettleman City	Highway Maintenance
KIN	198	10.6	Lemoore	Highway Maintenance
MAD	41	28.7	Coarsegold	Highway Maintenance
MAD	145	8.6	Madera	Highway Maintenance
MAD	41	40.7	Big Cedar Springs	Satellite
KIN	43	1.5	Corcoran	Satellite
FRE	168	60.0	Huntington Lake	Satellite
KER	99	27.9	South Region and Bakersfield	Regional Maintenance
KER	99	27.9	Olive Drive Landscape	Landscape Maintenance
KER	99	27.9	Bakersfield	Highway Maintenance
TUL	99	29.7	Tulare	Special Crews
KER	99	54.5	Delano	Highway Maintenance
KER	33	20.5	Taft	Highway Maintenance
KER	46	51.2	Wasco	Highway Maintenance
KER	155	38.4	Glennville	Highway Maintenance
KER	178	41.6	Bodfish	Highway Maintenance
TUL	190	16.5	Porterville	Highway Maintenance
TUL	198	10.7	Visalia	Highway Maintenance
TUL	198	28.3	Lemon Cove	Highway Maintenance
FRE	245	3.8	Pinehurst	Highway Maintenance
KER	33	34.3	McKittrick	Satellite
KER	46	30.4	Lost Hill	Satellite
KER	178	68.8	South Fork	Satellite
TUL	190	46.9	Pierpoint Springs	Satellite
Vista Points				
FRE	168	36.0	Munger	Vista Point
FRE	180	123	Ten Mile Creek	Vista Point
Commercial Vehicle Enforcement Facilities				
KER	5	11.9	Grapevine	Southbound (SB)
KER	58	81.0	Keene	Eastbound (EB)
KER	58	105.5	Cache Creek	Westbound (WB)

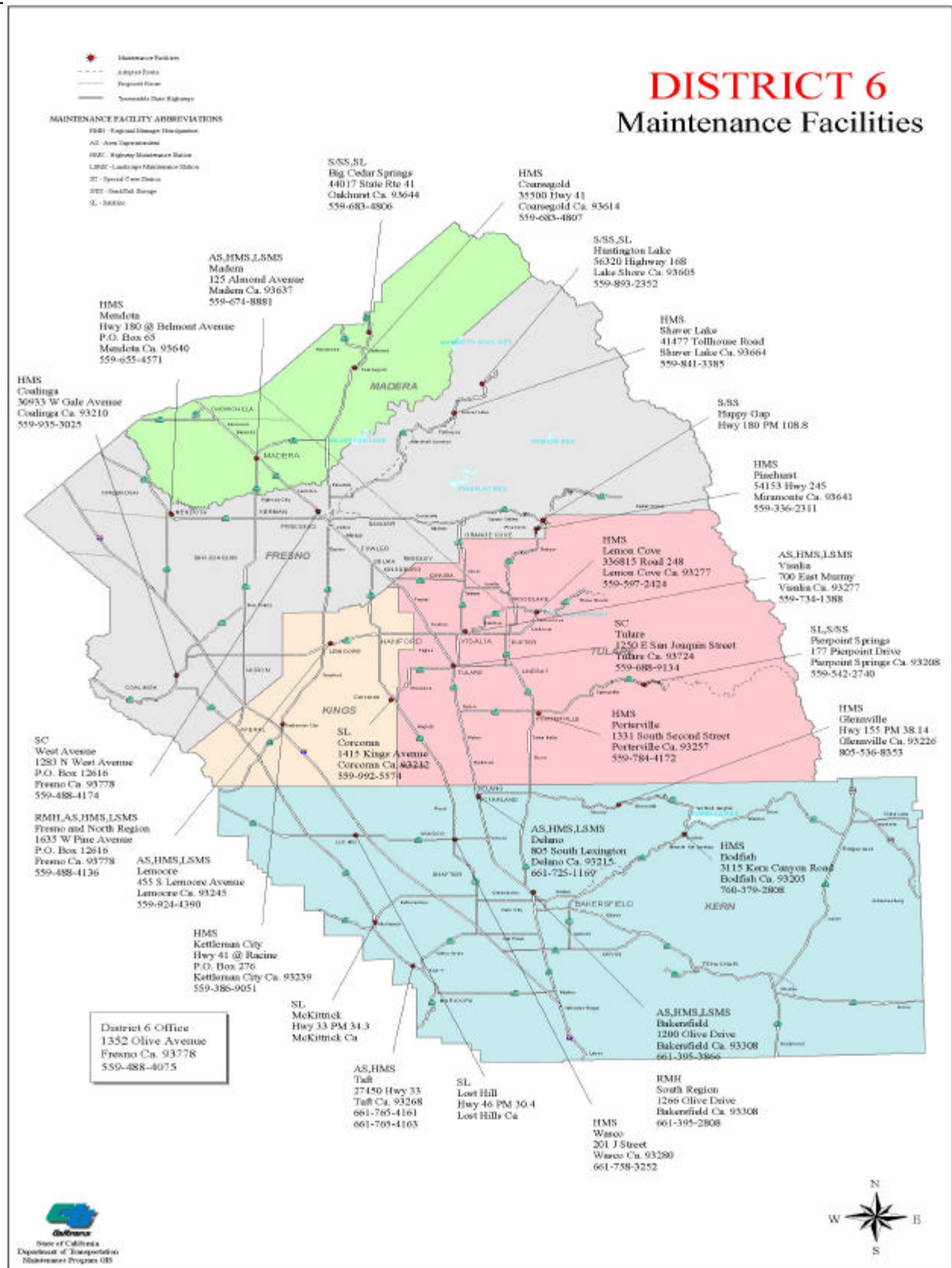
TABLE 3-1: DISTRICT 6 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Roadside Rest Areas				
KER	5	1.0	Tejon Pass	3.5 mi N of Gorman; NB & SB
KER	5	54.1	Buttonwillow	2 mi N of Route 58 IC; NB & SB
FRE	5	1.1/1.6	Coalinga-Avenal	1.2 mi N of Lassen Ave; NB & SB
KER	58	R139	Boron	3.9 mi W of Boron; EB & WB
TUL	99	22.3	Philip S. Raine	2.5 mi N of Tipton; NB & SB
TUL	99	51.8	C. H. Warlow	At Dodge Ave near Kings River
Park and Ride Facilities				
FRE	168	T32.9	Lodge Road	Intersection of Lodge Road & Route 168
FRE	168	T31.2	Auberry Road	NE corner Auberry Road/Rt 168
KER	58	59.4	Weedpatch NW	NW corner Weedpatch Hwy/Rt 58, Bakersfield
KER	58	59.4	Weedpatch SE	SE corner Weedpatch Hwy/Rt 58, Bakersfield
KER	99	23.9	Stockdale	Rt 58, Stockdale Hwy at Oakdale, Bakersfield
KER	119	2.2	Ford City	1.4 mi N of Taft in Ford City
KER	155	70.8	Lake Isabella	NW corner Rtes 178 & 155
KIN	43	22.1	Hanford	S of 10 th Ave Y
MAD	41	17.9	O'Neals	SE corner Road 200/Rt 41
MAD	41	1.5	Old 41	N of Ave 10 on old Rt 41 (N of Fresno)
MAD	41	9.3	Madera County	SW corner Rtes 145 & 41 (E of Madera)
TUL	198	18.8	Mineral King	SW corner Rtes 65 & 198 (E of Visalia)
Sand and Salt Staging Areas				
FRE	180	108.8	Happy Gap	Sand and Salt Storage
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

A map identifying Park and Ride Facilities & Safety Roadside Rest Areas is provided as Figure 3-1 on page 3-3. A map of Maintenance Stations is provided as Figure 3-2 on page 3-4.

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

FIGURE 3-2



4.0 HIGH RISK AREAS

A list of high risk areas within District 6 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and any Department facility, use characteristics of the facility(ies), and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
KER-155 PM 67.7-69.6	Kern	Lake Isabella	Reservoir is municipal water supply source for approximately 200,000 residents in the city of Bakersfield. The road segments are mountain tourist routes, heavily used in the summer, with trucking use being quite rare. Accidental spills are likely to be minor. Alternate municipal water supply sources are available.	No projects are planned for the upcoming year and no additional funding is available at this time.
KER-178 PM 45.8-49.3 & PM 60.7-61.0	"	" "		

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
District 6 Maintenance conducts activities based on local road conditions. Major maintenance should be minimal and limited to emergency storm water or other emergency related events per "Maintenance Defined," M.M. Vol. 1, Section 1.01 (A)							
Maintenance Facility and Activity Inspections							
Four Maintenance Stations will be chosen at random for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
One summer activity will be reviewed / inspected: paving, chip sealing, or similar.							
Two winter activities will be reviewed / inspected: snow removal, drain cleaning, etc. Target: two activities per year – total.							
Maintenance Facility BMP Improvements							
Review Maintenance Stations and activities with Supervisors on an on-going, current basis; share examples of BMP's that work well, are easy to install, and are cost effective.							
Maintenance BMP Actions/Modifications							
Bring approved new technology on board as it becomes available and recommend the placement of permanent BMP projects into any Maintenance Station improvement plan.							
Vegetation Management and Vegetated Slope Management							
The Vegetation Control Plan (VCP) is written each Spring prior to the fiscal year, per M.M. Vol. 1, Section 2.06. The District 6 VCP for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Districts will provide the VCP for FY 2002/03 to the RWQCB by May 15, 2002.							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.							
		Route/PM	County	Inspection Schedule	Remediation Action Planned		

SECTION FIVE

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303(d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Construction Compliance Review Task Force annual report.
Training and Public Outreach
Maintenance BMP review during tailgate meetings at 10 days or whenever activities are changed. The SWMP, Appendix D, Guidelines, and <i>Storm Water Quality Handbook, Maintenance Staff Guide</i> , are used.
Annual Refreshers for all Maintenance field personnel. Refresher curriculum is developed prior to training based on the latest information available. Informal training is provided by Regional Storm Water Coordinators on a daily basis as the need arises.
Contacts are made when off-R/W violations are observed that affect Department facilities or R/W. Storm water compliance requirements are explained to violators. Cooperation and coordination with utility companies, etc., relative to affect on Department facilities or R/W are on-going. Facilities storm drain stenciling program will continue. Storm drain stenciling in communities with populations of 10,000 or more is planned to begin.
Municipal Coordination
District 6 participates in cooperative meetings with municipalities located within the District. Coordination efforts are focussed on sharing of information, public education, storm drain stenciling coordination, and training.
Municipal counterparts are notified of spills on Department property that might affect them. Representatives of municipalities and other local agencies are encouraged to attend and participate in Department Maintenance training meetings. Contacts are promoted to allow Department participation in other agency training. Maintenance Supervisors are encouraged to establish networks with local agencies. The Department Permits Department is included in Maintenance training, and a mentoring effort is made with Permits engineers, inspectors, and their permittees.

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	06-46110_	FRE	5	48.8 / 56	ON RTE 5 FROM PANOCHE RD OC TO THE FRESNO/MERCED COUNTY LINE (KP 78.5/90.6)	PANOCHE CREEK	303(d) SWPPP	230	8/24/2001	5/1/2003	10/1/2005	3/1/2006	10/1/2008
2	D	06-38550_	FRE	33	69.5 / 83	AC OVERLAY & WIDENING IN AND NEAR FIREBAUGH FROM HELM CANAL RD TO MERCED COUNTY LINE (KP 111.8/R133.7)	SAN JOAQUIN RIVER, MAIN CANAL, OUTSIDE CANAL	401, 303(d) SWPPP	3	NA	7/1/2002	11/1/2002	6/1/2003	1/1/2004
3	D	06-4100U	FRE	33	16.5/17.0	REPLACE BRIDGE SCOUR AND INSTALL SIGNALS	LOS GATOS CREEK OVERFLOW	401 SWPPP	6	NA	NA	10/1/2001	2/1/2002	11/1/2003
4	D	06-34353_	FRE	33	R62.5 / R69.5	AC OVERLAY AND WIDEN IN MENDOTA FROM BASS AVE TO HELM CANAL RD IN FIREBAUGH (KP 100.0/111.4)	MAIN LIFT CANAL, MAIN CANAL, OUTSIDE CANAL	401 SWPPP	15	NA	4/1/1992	6/30/2002	9/1/2002	10/1/2003
5	B	06-44240	FRE	41	0.0/7.1	2-LN EXPRESSWAY TO 4-LN EXPRESSWAY	KINGS RIVER, MURPHY SLOUGH	401, 303(d) SWPPP	180	12/1/2000	7/1/2005	10/1/2007	3/1/2008	7/1/2010
6	B	06-43180_	FRE	41	R22.6 / R26.5	HIGHWAY PLANTING RESTORATION IN FRESNO ON RTE 41 FROM VAN NESS AVE TO SHIELDS AVE AND ON RTE 180 FROM BELMONT AVE TO 0.2 KM WEST OF 1ST ST (KP R36.4/42.6) (KP R92.5/94.6)		SWPPP	5	9/3/1999	9/1/2002	1/1/2004	3/1/2004	1/1/2008
7	B	06-41960	FRE	41	R30.4/R32.2	MODIFY INTERCHANGE		SWPPP	17.5	7/14/2000	10/1/2001	7/1/2004	2/1/2005	2/1/2007
8	A	06-45130	FRE	43	0.0/9.3	2C TO 4LN DIVIDED HIGHWAY	COLE SLOUGH	401 SWPPP	273	5/9/2001	10/1/2003	7/1/2005	12/1/2005	7/1/2008
9	D	06-34930_	FRE	99	19.8 / 23.6	PLANTING AND IRRIGATION NEAR FRESNO FROM KERN STREET OVERCROSSING TO 0.4 KM NORTH OF OLIVE AVENUE OVERCROSSING		SWPPP	11	3/6/1998	12/3/1999	6/30/1998	10/22/1998	3/1/2003
10	D	06-40410_	FRE	99	19.8 / 24.2	PLANTING AND IRRIGATION IN FRESNO COUNTY IN FRESNO FROM CALIFORNIA AVENUE OVERCROSSING TO NORTH FRESNO UNDERCROSSING		SWPPP	15	12/23/1999	12/23/1999	3/2/2001	6/5/2001	2/1/2005
11	D	06-33660_	FRE	99	18.6/20.2	CONSTRUCT AUXILIARY LANE FROM JENSEN AVENUE TO VENTURA STREET		SWPPP	5	8/11/1999	8/11/1999	8/6/2001	2/1/2002	7/1/2003
12	D	06-45320_	FRE	99	23.827.3	HIGHWAY PLANTING		SWPPP	17	5/31/2001	3/15/2001	1/1/2002	6/1/2002	4/1/2006
13	B	06-44260	FRE	99	25.6/31/6	WIDEN 4-LANE FWY TO 6-LANE FWY	SAN JOAQUIN RIVER	401, 303(d) SWPPP	30	6/29/2001	10/1/2005	3/1/2008	6/1/2008	8/30/2010
14	B	06-44270_	FRE	99	27.2/28.3	RECONSTRUCT INTERCHANGE AT SHAW AVE (KP 43.9/45.5)		SWPPP	15	6/12/2001	10/1/2004	10/1/2007	2/1/2008	1/1/2011
15	C	06-35070	FRE	99	R1.0/R7.1	4F TO 6F		SWPPP	45	5/17/2000	5/17/2000	7/1/2002	7/1/2003	7/1/2006
16	B	06-42050_	FRE	180	24.6 / 27.3	AC OVERLAY AND WIDEN SHOULDERS 40' NEAR MENDOTA FROM BELMONT AVE TO WHITESBRIDGE SAN JOAQUIN VALLEY RAILROAD CROSSING (KP 39.6/43.9)	FRESNO SLOUGH	401 SWPPP	30	8/27/1999	5/1/2003	3/1/2006	7/1/2006	7/1/2008
17	D	06-34324_	FRE	180	31.4 / 36.6	ASPHALT CONCRETE OVERLAY IN FRESNO COUNTY NEAR MENDOTA FROM FOUR MILE SLOUGH BRIDGE TO YUBA AVENUE	FOUR MILE SLOUGH	SWPPP	10	12/3/1999	8/20/1999	7/18/2001	1/1/2002	3/1/2003
18	B	06-46640	FRE	180	124.8/129.9	ROAD UNDERMINING	KINGS RIVER	401 SWPPP	2	5/5/2001	7/1/2001	NA	NA	NA
19	B	06-34243	FRE	180	R62.8/R66.3	4E ON NEW 6F R/W ALIGNMENT	FANCHER CREEK, BRIGGS CANAL	401 SWPPP	130	8/21/1992	12/13/1995	3/1/2004	7/1/2004	7/1/2007

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
20	B	06-34251	FRE	180	R65.6/R71.6	2C TO 4E ON EXISTING ALIGNMENT		SWPPP	100	4/18/1996	4/18/1996	7/1/2004	12/1/2004	7/1/2007
21	B	06-34252	FRE	180	R71.6/R75	2C TO 2E ON EXISTING ALIGNMENT, 2C TO 4E ON EXISTING ALIGNMENT		SWPPP	100	4/18/1996	4/18/1996	7/1/2004	12/1/2004	7/1/2007
22	B	06-34253	FRE	180	R75/78.2	2C TO 2E ON NEW ALIGNMENT	COLLINS CREEK, KINGS RIVER, BYRD SLOUGH	401, 303(d) SWPPP	100	4/18/1996	4/18/1996	7/1/2004	12/1/2004	7/1/2007
23	B	06-45140	FRE	180	R9.0/23.4	RTE ADOPTION STUDY FOR A NEW ROADWAY SEGMENT		401 SWPPP	930	3/13/2001	10/1/2004	NA	NA	NA
24	C	06-39810_	FRE	269	0 / 12.7	"AC OVERLAY & WIDENING, ALSO" IMPROVING INTERSECTIONS ON RTE 269 IN AND NEAR HURON FROM KINGS COUNTY LINE TO RTE 198 (KP 0.0/20.5)	ARROYO PASAJERO	401 SWPPP	66	10/1/1998	8/26/1999	11/1/2002	7/1/2003	10/1/2004
25	B	06-40840_	KER	14	16.2 / 26	CONVERT TO 4 LANE EXPRESSWAY NEAR MOJAVE FROM 0.2 KM NORTH OF NORTH JCT RTE 58 TO 7.6 KM NORTH OF CALIFORNIA CITY BLVD (KP 26.1/41.8)	CACHE CREEK	401, 303(d) SWPPP	375	2/2/1999	10/1/2002	3/1/2004	8/1/2004	7/1/2007
26	A	06-45710_	KER	14	45.9 / 62.3	CONSTRUCT 4 LN EXPRESSWAY W/CONTROL ACCESS NEAR RIDGECREST FROM REDROCK INYOKERN RD TO RTE 178 (KP 73.9/100.3)	FREEMAN GULCH	401 SWPPP	200	9/14/2001	10/1/2007	1/1/2010	7/1/2010	7/1/2012
27	D	06-39320_	KER	14	46.2 / 50.8	AC OVERLAY & WIDEN SHOULDERS NEAR CANTIL FROM 1.8 KM NORTH TO 9.2 KM NORTH OF RED ROCK-INYOKERN RD (KP 74.3/81.8)	LITTLE DIXIE WASH	401, 303(d) SWPPP	20	1/24/2000	1/24/2000	7/1/2002	10/1/2002	10/1/2003
28	B	06-43020	KER	14	35.5/37.1	RAISE GR, AC OVERLAY, WIDENING			30	1/13/1994	1/1/2004	1/1/2006	5/1/2006	7/1/2007
29	D	06-39760_	KER	33	6.4 / 12.1	AC OVERLAY AND WIDEN IN AND NEAR MARICOPA FROM 1.4 KM SOUTH OF KLIPSTEIN CANYON RD TO NORTH CITY LIMITS OF MARICOPA (KP 10.3/19.5)	DEVILS GULCH	401 SWPPP	20	8/27/1999	3/1/2002	3/1/2002	8/1/2002	11/1/2003
30	D	06-38290_	KER	41	0 / 5	AC OVERLAY AND WIDEN NEAR CHOLAME FROM SAN LUIS OBISPO COUNTY LINE TO KINGS COUNTY LINE (KP 0.0/8.1)	COTTONWOOD CREEK	401 SWPPP	5	6/30/2001	1/1/2002	8/1/2002	1/1/2003	8/1/2004
31	B	06-42120_	KER	43	.1 / 9.2	AC OVERLAY AND WIDEN SHOULDERS NEAR BAKERSFIELD FROM RTE 119 TO WEST JCT RTE 58 (KP 0.2/14.7)	KERN RIVER, BOOSE LAKE SLOUGH, PIONEER CANAL, CROSS VALLEY CANAL	401 SWPPP	28	8/27/1999	8/1/2002	7/1/2005	11/1/2005	7/1/2007
32	B	06-35341	KER	46	0/7.3	2C TO 4E		SWPPP	159	2/3/1999	10/1/2003	1/1/2006	8/1/2006	10/1/2009
33	B	06-41880	KER	46	46/51.2	WIDEN TO 4-LANE		SWPPP	52	9/6/2000	10/1/2005	4/1/2008	8/1/2008	10/1/2010
34	B	06-44250	KER	46	7.3/33.5	2-LN CONVENTIONAL TO 4-LN CONVENTIONAL EXPRESSWAY	BITTER CREEK, SWEET CREEK, CALIFORNIA AQUEDUCT, MAIN FLOOD CANAL, WEST SIDE CANAL	401 SWPPP	450	3/7/2000	10/1/2003	12/1/2006	7/1/2007	11/1/2010
35	D	06-39720_	KER	58	46 / 51.6	AC OVERLAY IN BAKERSFIELD FROM 0.2 KM WEST OF ALLEN RD TO 0.3 KM WEST OF RTE 99 (KP 74.0/83.0)	CALLOWAY CANAL	SWPPP	20	8/27/1999	8/27/1999	2/1/2002	8/1/2002	10/1/2003
36	B	06-24342	KER	58	109.1/117.1	PAVEMENT REHABILITATION		SWPPP	7	NA	1/1/2002	7/1/2003	12/1/2003	12/1/2004
37	A	06-43470	KER	58	117.9/128	WIDEN SHOULDER		SWPPP	11	10/30/2001	NA	NA	NA	NA
38	D	06-40390_	KER	58	R52.1/R55.7	IRRIGATION AND PLANTING UPGRADE		SWPPP	10	10/31/2000	10/31/2000	1/1/2002	6/1/2002	6/1/2006
39	B	06-42550	KER	58	R92.1/R93.2	WIDEN STRUCTURE AND ADD RAMPS		SWPPP	8	5/19/2000	10/1/2003	10/1/2005	4/1/2006	7/1/2008

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
40	B	06-45120	KER	65	R0.0/R25.2	CONSTRUCT PASSING LANES AND INTERSECTION IMPROVEMENT-CONDUCT ES		SWPPP	6	10/19/1997	10/1/2004	7/1/2005	11/1/2005	7/1/2007
41	D	06-43150_	KER	99	49.1 / 57.6	IRRIGATION UPGRADE AND REPLACEMENT PLANTING IN MC FARLAND FROM 0.3 KM SOUTH OF SHERWOOD AVE TO 0.2 KM NORTH OF ELMO HWY AND IN DELANO FROM 0.3 KM SOUTH OF WOOLOMES AVE TO COUNTY LINE RD (KP 79.0/92.7)		SWPPP	10	12/15/2000	12/15/2000	9/1/2002	3/1/2003	9/1/2006
42	D	06-46320	KER	99	21.5/24.7	HIGHWAY PLANTING RESTORATION		SWPPP	25	6/18/2001	6/18/2001	1/1/2002	5/1/2002	3/1/2004
43	D	06-43000_	KER	99	R43.5 /	BRIDGE DECK REHAB NEAR MC FARLAND AT FAMOSO OH (KP R69.8)		SWPPP	8	8/20/1999	8/20/1999	8/1/2002	3/1/2003	7/1/2004
44	B	06-42470	KER	119	5.8/13.2	WIDEN FROM 2C TO 4E	BUENA VISTA CREEK,LAKEVIEW WASH CREEK	401 SWPPP	300	2/16/1999	10/1/2004	11/1/2007	4/1/2008	8/30/2010
45	B	06-32210	KER	166	9/24.6	AC OVERLAY AND WIDEN SHOULDER	BITTER CREEEK, SWEET CREEK, SANTIAGO CREEK, CALIFORNIA AQUEDUCT, TECUYA CREEK	SWPPP	75	8/30/1999	10/1/2003	3/1/2006	9/1/2006	11/1/2007
46	D	06-40400_	KER	178	1.7 / 6.7	IRRIGATION AND PLANTING UPGRADE IN BAKERSFIELD FROM M ST UC TO 1.6 KM EAST OF OSWELL ST (KP 2.7/R10.9)		SWPPP	12	1/31/2000	1/31/2000	3/1/2002	8/1/2002	8/1/2005
47	D	06-29442_	KER	178	27.2 / 30.7	HIGHWAY LANDSCAPING IN KERN COUNTY ABOUT 21 KM EAST OF BAKERSFIELD FROM 1.0 KM EAST OF DEMOCRAT ROAD TO 1.6 KM WEST OF KERN RIVER BRIDGE		SWPPP	10	9/1/1994	5/29/1999	10/22/1999	5/7/1999	10/1/2002
48	B	06-39710	KER	178	52.6/57	AC OVERLAY AND WIDEN SHOULDERS		SWPPP	10	8/27/1999	8/1/2003	3/1/2006	9/1/2006	11/1/2007
49	B	06-39520	KER	178	R6.1/R7.5	CONSTRUCT INTERCHANGE		SWPPP	30	5/22/1997	7/1/2004	8/1/2006	11/1/2006	11/1/2008
50	B	06-42230_	KER	178	R6.3 / R13.4	AC OVERLAY/WIDENING NEAR BAKERSFIELD FROM 0.8 KM WEST OF FAIRFAX RD TO MOUTH OF THE CANYON (KP R10.1/21.6)		SWPPP	13	8/27/1999	10/1/2002	3/1/2004	9/1/2004	7/1/2006
51	B	06-44310_	KER	395	14.8 / 23	2C TO 4E ON SR 395 FROM PM 14.8 TO PM 23.0 IN KERN CO (KP 23.8/37.0)	EL PASO WASH, LITTLE DIXIE WASH	401 SWPPP	140	9/4/2001	7/1/2008	4/1/2011	10/1/2011	10/1/2013
52	D	06-24341_	KER	395	2.5 / 7.5	CONSTRUCT TORTOISE ACCESS CONTROL FENCE NEAR MOJAVE FROM 2.2 KM NORTH OF REDROCK RANDSBURG ROAD TO 1.2 KM SOUTH OF SEARLES ROAD (KP 4.0/12.1)		SWPPP	12.5	8/21/2001	8/21/2001	7/1/2002	1/1/2003	10/1/2003
53	B	06-43050	KIN	33	0.0/7.8	AC OVERLAY AND WIDEN SHOULDERS	AVENAL CREEK	401 SWPPP	82	9/1/1999	10/1/2003	2/1/2007	7/1/2007	1/1/2009
54	D	06-32150_	KIN	41	0 / 4.2	RAISE GRADE ON NEW ALIGNMENT NEAR KETTLEMAN CITY FROM KERN COUNTY LINE TO 0.8 KM NORTH OF AVENAL CREEK BR# 45-36 (KP 0.0/6.8) START FROM PA&ED	AVENAL CREEK	SWPPP	5+	7/1/1991	1/1/2002	8/1/2002	1/1/2003	8/1/2004
55	D	06-39380_	KIN	41	4.2 / 7.3	AC OVERLAY AND WIDEN NEAR KETTLEMAN CITY FROM 0.8 KM NORTH OF AVENAL CREEK BR# 45-36 TO 1.3 KM SOUTH OF RTE 33 (KP 6.8/11.7) START FROM PA&ED	AVENAL CREEK	SWPPP	66	8/29/1997	6/26/2001	8/1/2002	1/1/2003	8/1/2004

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
56	C	06-32151_	KIN	41	7.3 / 11.5	RAISE GRADE ON NEW ALIGNMENT ON RTE 41 FROM 1.3 KM SOUTH OF RTE 33 TO UTICA AVE AND ON RTE 33 FROM 1.4 KM SOUTH TO 0.5 KM NORTH OF RTE 41 (KP 11.7/18.5) (KP 11.1/13.0) START FROM PA&ED		SWPPP	120	8/28/2001	8/21/2001	3/1/2003	9/1/2003	5/1/2005
57	B	06-41590	KIN	41	11.5/20.1	AC OVERLAY AND WIDEN SHOULDER	CALIFORNIA AUUEDUCT	SWPPP	50	8/26/1999	2/1/2004	2/1/2007	7/1/2007	1/1/2009
58	B	06-36460	KIN	41	28.4/33.0	AC OVERLAY AND WIDEN SHOULDERS NEAR STRATFORD, FROM NEVADA AVE TO LAUREL AVE (22ND AVE) (KP 45.7/52.8)	KINGS RIVER , ADJACENT Canal	401, 303(d) SWPPP	29	3/20/2001	3/20/2001	12/1/2003	5/1/2004	10/1/2005
59	B	06-41600	KIN	41	R42.1/R44.7	AC OVERLAY AND WIDEN SHOULDERS NEAR LEMOORE FROM HANFORD/ARMONA RD TO 0.8 KM NORTH OF GRANGEVILLE BLVD (KP R67.8/R71.9)		401 SWPPP	25	10/21/1999	4/1/2004	10/1/2006	5/1/2007	7/1/2008
60	D	06-40370	KIN	198	R16.9/R21	IRRIGATION AND PLANTING UPGRADE		SWPPP	9	9/11/2000	9/11/2000	2/1/2002	5/1/2002	9/1/2005
61	B	06-3568U_	KIN	198	T21.5 / T28.3	2C TO 4E ON NORTH SIDE NEAR HANFORD FROM 0.8 KM EAST OF RTE 43 TO 0.6 KM WEST OF RTE 99 NEAR VISALIA (KP T34.6/45.5) (KP 0.0/R5.3)	W. SETTLER DITCH, E. SETTLER DITCH, MELGA CANAL,LAKESIDE DITCH,CROSS CREEK, HIGHLINE CANAL	401 SWPPP	200	3/27/1997	10/1/2002	1/1/2005	8/1/2005	10/1/2008
62	B	06-44900	MAD	41	29.9/35.3	CAP-M		SWPPP	10	9/28/2001	10/2/2003	10/1/2005	3/1/2006	10/1/2006
63	D	06-39700_	MAD	99	13 / 23.1	"AC OVERLAY, PANEL REPLACEMENT," "GRIND, AND WIDEN SHOULDERS" IN AND NEAR MADERA FROM 0.4 KM NORTH OF AVE 16 OC TO CALIFA AVE UP/OH (KP 20.9/37.2)	DRY CREEK, BERENDA CREEK	SWPPP	43	10/1/1997	10/1/1997	3/1/2002	9/1/2002	11/1/2003
64	B	06-46190_	MAD	99	20.2 / 29.2	CONSTRUCT THRIE BEAM MEDIAN BARRIER IN MADERA FROM AVE 21 1/2 TO SB OFF TO RTE 152 AND IN CHOWCHILLA FROM LE GRANDE OC TO MERCED COUNTY LINE.		SWPPP	5.82	8/24/2001	8/1/2003	9/1/2005	1/1/2006	7/1/2008
65	B	06-29330	MAD	99	20.1/22.5	4E TO 6F WITH INTERCHANGE AT AVE 22	MADERA IRRIGATION CANAL, CALIFA IRRIGATION CANAL	SWPPP	200	6/28/1991	1/1/2002	4/1/2004	10/1/2004	9/1/2006
66	B	06-46200_	MAD	99	R7.3 / R9.6	AC OVERLAY - REHAB IN MADERA CO ON RTE 99 FROM AVE 12 OC TO MADERA GATEWAY DR OC. (KP R11.7/ 15.4)		SWPPP	26	8/24/2001	8/1/2003	9/1/2005	1/1/2006	10/1/2008
67	B	06-33610_	MAD	145	12.3 / 25.5	AC OVERLY AND WIDEN SHOULDERS IN AND NEAR MADERA FROM 0.4 KM EAST OF AT&SF RR UP TO RTE 41 (KP 19.8/41.0)	COTTONWOOD CREEK, MENDOTA CANAL, HILDRETH	401 SWPPP	5	8/30/1999	2/1/2003	1/1/2006	7/1/2006	1/2/2008
68	B	06-41610_	MAD	145	R.5 / R6.6	"AC OVERLAY, WIDEN SHOULDERS, AND" REPLACE BRIDGE NEAR MADERA FROM AVE 5 1/2 TO AVE 11 1/2 (KP R0.8/10.6)	COTTONWOOD CREEK	401 SWPPP	56	NA	4/1/2003	7/1/2006	12/1/2006	4/1/2008
69	B	06-30700_	TUL	63	5.8/8.0	4C TO 6C AND IMPROVE CHANNELIZATION		SWPPP	40.2	4/18/2001	1/1/2002	7/1/2004	12/1/2004	10/1/2006
70	B	06-42090	TUL	65	0.0/3.2	AC OVERLAY AND WIDEN SHOULDERS		SWPPP	22	8/26/1999	10/1/2003	8/1/2006	1/1/2007	10/1/2008
71	D	06-40340_	TUL	65	17.7 / 20.8	IRRIGATION AND PLANTING UPGRADE IN PORTERVILLE ON RTE 65 FROM 0.6 KM SOUTH OF RTE 190 TO WESTFIELD OC AND ON RTE 190 FROM 0.5 KM WEST OF RTE 65 TO JAYE ST (KP 28.4/33.5) (KP R23.9/R27.2)		SWPPP	17	10/31/2000	10/1/2000	1/1/2002	8/1/2002	6/1/2006

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
72	B	06-46210_	TUL	99	2.5 / 43.4	CONSTRUCT THRIE BEAM MEDIAN BARRIER NEAR TULARE FROM 0.9 KM SOUTH OF AVE 24 OC TO THE AVE 328 OC AND SR 198 NEAR VISALIA FROM BEN MADDOX WAY OC TO 1.2 KM EAST OF BEN MADDOX WAY OC "(KP 4.1/69.9), (17.3/18.5)"		SWPPP	5	6/30/2001	11/1/2003	2/1/2004	5/1/2004	12/1/2004
73	C	06-43160_	TUL	99	28.3 / 30.7	HIGHWAY PLANTING RESTORATION IN TULARE FROM 0.5 KM SOUTH OF BARDSLEY AVE TO 0.3 KM NORTH OF PROSPERITY AVE (KP 45.5/49.4)		SWPPP	5	9/3/1999	10/1/2001	12/1/2002	7/1/2003	8/1/2005
74	D	06-38820_	TUL	99	30.6 /	MODIFY INTERCHANGE IN TULARE AT PROSPERITY AVE		SWPPP	6.8	7/19/2000	7/19/2000	11/1/2002	5/1/2003	7/1/2004
75	B	06-32450_	TUL	99	41.3/53.9	WIDEN 4-LANE FREEWAY TO 6-LANES FROM GOSHEN OC TO ROUTE 201	KINGS RIVER, CROSS CREEK	401, 303(d) SWPPP	55	2/2/2000	10/1/2005	1/1/2009	4/1/2009	7/1/2012
76	A	06-46120_	TUL	137	15.3 / 16.6	PAVEMENT REHAB (RR) IN TULARE ON RTE 137 F/SOUTH I STREET TO RTE 137/99 SEP (KP 24.6/26.7)		SWPPP	8	8/24/2001	NA	NA	NA	NA
77	A	06-46150_	TUL	190	0 / 8	PAVEMENT REHAB IN TULARE ON RTE 190 AT INTERS OF 99/180 (KP 0.0/12.8)		SWPPP	20	8/24/2001	NA	NA	NA	NA
78	B	06-33732	TUL	190	8.0/15.0	AC OVERLAY	FRIANT KERN CANAL	401 SWPPP	78	3/28/2001	3/28/2001	3/1/2004	6/1/2004	12/1/2005
79	C	06-33930_	TUL	198	21.5 / 26.7	AC OVERLAY AND WIDEN NEAR VISALIA FROM 0.1 KM WEST OF RD 220 TO 0.2 KM WEST OF RD 244 (KP 34.6/42.9)	YOKOHL CREEK	401 SWPPP	13.9	7/2/1993	7/1/2002	2/1/2003	1/1/2004	12/1/2005
80	D	06-41530_	TUL	198	33.3 / 35.8	REALIGN ROADWAY AND REPLACE BRIDGE NEAR LEMON COVE AT 3 LOCATIONS FROM 0.5 KM WEST TO 4.8 KM EAST OF HORSE CREEK BRIDGE "(KP 53.5/54.3, 54.3/57.6, 58.5/58.8"	LAKE KAWEAH	401 SWPPP	7	6/6/2001	6/6/2001	7/1/2002	11/1/2002	4/1/2004
81	B	06-45850_	TUL	198	38.9 / 40.9	CONSTRUCT BIKE LANES CONSTRUCT 2.0 MILES OF BIKE LANES ON SR 198 NEAR THREE RIVERS (KP 62.6/65.8)	SOUTH FORK KAWEAH RIVER	401 SWPPP	4	NA	10/1/2002	12/1/2003	2/1/2004	8/1/2004
82	B	06-33920	TUL	198	R15.1/R18.9	AC OVERLAY AND WIDEN	DEEP CREEK, OUTSIDE CREEK, JOHNSON SLOUGH	401 SWPPP	20	8/30/1999	7/1/2003	9/1/2004	4/1/2005	7/1/2006
83	D	06-34920_	TUL	198	R4.6 / R11.9	PLANTING AND IRRIGATION IN AND NEAR VISALIA AT VARIOUS LOCATIONS		SWPPP	8	10/1/1998	10/1/1998	8/6/1999	11/19/1999	7/19/2002
84	D	06-40350_	TUL	198	R8.8/11.9	IRRIGATION AND PLANTING UPGRADE		SWPPP	16	9/25/2000	9/25/2000	1/1/2002	4/1/2002	11/1/03

NA = NOT AVAILABLE

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

CRITERIA

SWPPP = greater than 5 acres of land disturbance (1 acre after March 2003)

303d = 303(d) listed

401 = 401 Cert,

SEP = Supplemental Environmental Project

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acerage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date

- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = High Risk Area Present

RB = RWQCB designated projects posing a threat to water quality

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICT

7

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FISCAL YEAR 2002/2003

REGION 5F

Central Valley Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 7
120 South Spring Street
Los Angeles, CA 90012

April 1, 2002

CERTIFICATION

REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Robert Sassaman

District Director

**APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region Numbers 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

Doug Failing,

Chief Deputy

William H. Reagan,

Deputy District Director,

Design

Frank Quon,

Deputy District Director,

Operations

Peter Chan,

Deputy District Director,

Construction

Raja Mitwasi,

Deputy District Director,

Program & Project Management

Michael Miles,

Deputy District Director,

Maintenance

Lawrence Staley,

Deputy District Director,

Right of Way

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Caltrans Statewide Storm Water NPDES Permit CAS000003 Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Caltrans facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 CALTRANS PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans Districts 7 fall within the jurisdiction of the Central Valley Regional Water Quality Control Board. Organization charts for District 7 are included in Figure 2-1. Staffs responsible for implementing the SWMP within the LARWQCB jurisdiction are listed in Table 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

[Positions or Individuals]	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

SECTION TWO

Regional Work Plans

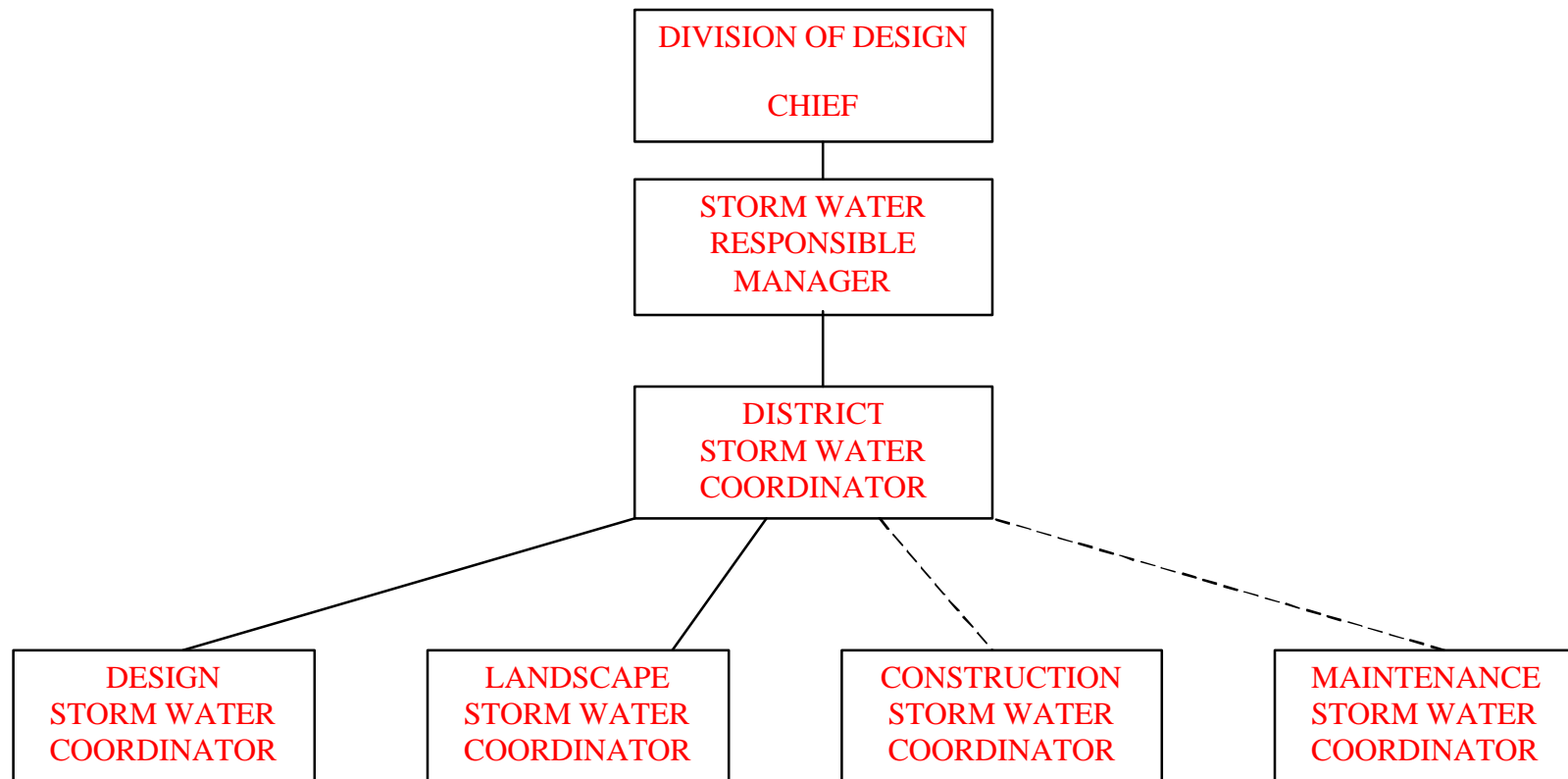
TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-5020 (213) 620-2110	Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

SECTION TWO

District Specific Activities

FIGURE 2-1
District 07 – Storm Water Organization Chart



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Caltrans facilities and water bodies within each District and Regional Board jurisdiction. A list of Caltrans facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 07 boundaries within the Los Angeles Regional Water Quality Control Board (LARWQCB), and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
NONE				
Vista Points				
NONE				
Commercial Vehicle Enforcement Facilities				
NONE				
Safety Roadside Rest Areas				
None.				
Park and Ride Facilities				
None.				
Sand and Salt Staging Areas				
Kern	5	88.3	Frasier Park	Sand and Salt Storage
TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high-risk areas within District 7 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Caltrans owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. **Table 4-1 shows high-risk areas for surface water.** These are the high-risk areas that must be monitored in cases of accidental spill. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities Caltrans first contacted known public and private water supply providers. From the information received, Caltrans determined which facilities were susceptible to a direct spill from a Caltrans activity or facility. This determination was based on proximity between the water body and Caltrans facility, use characteristics of the facilities, and the probable spill response time.

Caltrans will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
NONE				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Caltrans will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Caltrans postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Table 5-1: District 7 Anticipated Project Development / Construction Schedule
Central Coast Region

No.	SWMP Category	EA#	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria*	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PAED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
						NONE								

*SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental Documents final, design complete and project in the construction phase of project delivery

* Criteria

- SWPPP = Greater than five (5) acres of land disturbance or greater than one acre of land disturbance after 2003.
- 303d = 303 (d) listed water body within project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed waterbody with sediment pollution is the Mugu Lagoon for Region 4, and Bear C
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

*ALL PROJECTS ARE ASSUMED TO HAVE A DISTURBED SOIL AREA OF ONE (1) ACRE OR MORE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None							
Maintenance Facility and Activity Inspections							
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.							
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators..							
Maintenance Facility BMP Improvements							
BMPs at sand storage sites							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.							
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.							
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management				
<p>Vegetation Control Plan</p> <p>The District 7 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> Type of chemical to be applied and form (dry or liquid) Application locations, lengths, widths, total area, rates, frequency, total amount Reason for application Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>				
<p>Vegetated Slope Evaluation</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>				
	Route/PM	County	Inspection Schedule	Remediation Action Planned
NONE				

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated projects as a potential threat to water quality

**** The project's range of postmile falls in two regions, Region 4 and Region 5. Thus the project is listed on both Regional Workplans.**

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
<p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance was actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by Caltrans projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
Construction Compliance Monitoring Program
<p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Training and Public Outreach
<p>Training of Caltrans personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Caltrans staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, to name a few were the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.</p> <p>Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>Training will be provided to Design staff upon completion of the latest revision of the Project Planning and Design Guide.</p> <p>Additional programs such as the Litter Ramp Study and Keep America Beautiful (KAB).</p>
<p>Public outreach, demonstration of Enviroscope watershed model in elementary schools in Culver City and in the Los Angeles County Fair.</p>
<p>Public outreach in and local agency events such as water sampling.</p>
<p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Caltrans Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Caltrans projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Municipal Coordination
District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICT

9

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 6

Lahontan Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 9
500 South Main Street
Bishop, California 93514

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Lahontan Region 6
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 9

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Thomas P. Hallenbeck
District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department's Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2002-03 as required by the Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on the Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

District 9 Regional Work Plan

2.0 THE DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 9 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board (RWQCB) Region 6 and Central Valley RWQCB Region 5. Its geographic boundaries are limited to Inyo and Mono Counties, but the District's roadway maintenance responsibilities overlap onto State Routes (SRs) 14, 58, 178, and 202 located in Eastern Kern and SRs 127 and 178 in Northern San Bernardino.

An organization chart for District 9 is included in Figure 2.1 on Page 2-3. Staff responsible for implementing the SWMP within the Lahontan RWQCB jurisdiction is listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Carolyn Yee	District NPDES Coordinator	(760) 872-1492	Carolyn_Yee@dot.ca.gov	Primary contact for all storm water issues within District.
Terry Gess	District Transportation Planning Storm Water Coordinator	(760) 872-142	Terry_Gess@dot.ca.gov	Secondary contact for all storm water issues within District.
Randy Wright	District Storm Water Maintenance Coordinator	(760) 872-0633	Randy_Wright@dot.ca.gov	Primary contact for Maintenance storm water issues.
Roscoe Good	District Storm Water Supervisor	(760) 872-5299	Roscoe_Good@dot.ca.gov	Secondary contact for Maintenance storm water issues.
Ralph Cones	District Storm Water Permits Coordinator	(760) 872-0674	Ralph_Conos@dot.ca.gov	Primary contact for Permits storm water issues.
Mark Reistetter	District Storm Water Local Assistance Coordinator	(760) 872-0681	Mark_Reistetter@dot.ca.gov	Primary contact for Local Assistance storm water issues.
Susan Lent	District Storm Water Public Affairs Coordinator	(760) 872-0603	Susan_Lent@dot.ca.gov	Primary contact for Public Affairs storm water issues.
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	Marc_Boswell@dot.ca.gov	Primary contact for storm water issues in the Central Region.
Luis Elias	Central Region Construction Storm Water Design Coordinator	(760) 872-5251	Luis_Elias@dot.ca.gov	Primary contact for Construction storm water issues within the District.

SECTION TWO

District 9 Regional Work Plan

Christopher Dionisio	Central Region Storm Water DesignCoordinator	(760) 872-5212	Christopher_Dionisio@dot.ca.gov	Primary contact for Design storm water issues within the District.
Truman Denio	Central Region Storm Water Hydrological Coordinator	(760) 872-0733	Truman_Denio@dot.ca.gov	Primary contact for Hydrology storm water issues within the District.
Dan Holland	Central Region Storm Water Environmental Coordinator	(760) 872-3021	Dan_Holland@dot.ca.gov	Primary contact for Environmental storm water issues within the District.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Individual/Position*	Documents Authorized for Signature
Thomas P. Hallenbeck, District Director	All District Documents
Dave Grah, Deputy District Director - Maintenance	All District Documents, except Regional Work Plan and Annual Report
Craig Holste, Deputy District Director – Program Management	All District Documents, except Regional Work Plan and Annual Report
Katy Walton, Deputy District Director-Planning and Programming	All District Documents, except Regional Work Plan and Annual Report

Figure 2.1: District 9 Organizational Storm Water Program*

District Director
THOMAS P. HALLENBECK

District Storm Water Management Team*:

District NPDES Coordinator
CAROLYN YEE

Transportation Planning Coordinator
TERRY GESS

Maintenance/Haz Mat Coordinator
RANDY WRIGHT

Maintenance Storm Water Supervisor
ROSCOE GOOD

Local Assistance Coordinator
MARK REISTETTER

Permits Coordinator
RALPH CONES

Public Affairs Coordinator
SUSAN LENT

Region NPDES Coordinator
MARC BOSWELL

Region Construction Coordinator
LUIS ELIAS

Region Design Coordinator
CHRIS DIONISIO

Region Hydraulics Coordinator
TRUMAN DENIO

Region Environmental Coordinator
DAN HOLLAND

* Each person is subject to change at any time.

SECTION THREE

District 9 Regional Work Plan

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department's facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department's facilities, excluding roadways, is presented in Table 3-1. A map showing District 9 boundaries within the Lahontan and the Central Valley RWQCBs, and major roads and highways are presented in Figure 2.1 on Page 3-1 (PENDING).

TABLE 3-1: DISTRICT 9 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Inyo	006	0.13	Bishop	Highway Maintenance
Mono	395	76.0	Bridgeport	Highway Maintenance
Mono	395	34.2	Crestview	Satellite
Inyo	190	107.4	Death Valley	Highway Maintenance
Inyo	395	73.8	Independence	Highway Maintenance
Kern	178	92.0	Inyokern	Highway Maintenance
Inyo	395	19.0	McGee Creek	Highway Maintenance
Kern	58	112.3	Mojave	Highway Maintenance
Inyo	127	14.7	Shoshone	Highway Maintenance
Mono	395	93.8	Sonora Junction	Highway Maintenance
Kern	202	10.5	Tehachapi	Highway Maintenance
Mono	395	51.6	Lee Vining	Highway Maintenance
Inyo	395	51.6	Lone Pine	Satellite
Mono	395	63.6	Conway Summit	Satellite
Mono	203	2.2	Minaret	Satellite
Vista Points				
Mono	395	69.2	Dogtown	
Mono	395	62.5	Mono Lake	
Mono	395	14.6	Lake Crowley	
Mono	395	14.3	Lake Crowley	

SECTION THREE

District 9 Regional Work Plan

Vista Points				
Mono	395	4.7	Sherwin Grade	
Mono	395	4.1	Sherwin Grade	
Inyo	190	65.5	Town's Pass	
Mono	395	64.5	North Conway	
Mono	395	42.0	Sandhouse	
Commercial Vehicle Enforcement Facilities				
Kern	58	81.0	Keene	
Kern	58	105.5	Cache Creek	
Roadside Rest Areas				
Inyo	395	R17.7	Coso Junction	17 mi. S of Jct. Route 395/190
Inyo	395	R83.9	Division Creek	10 mi. N of Independence
Mono	395	32.4	Crestview	1.6 mi. S of Crestview
Kern	58	139.0	Boron	27 mi. E of Mojave
Park and Ride Facilities				
Kern	178	103.8	Ridgecrest	NW corner of Richmond Rd
Sand and Salt Staging Areas				
Inyo	395	3.2	Sherwin Grade	Sand and Salt Storage
Kern	58	90.72	Tehachapi	Sand and Salt Storage
Snow Storage Sites				
Mono	395	76.8	Bridgeport	Snow storage site
Mono	158	2.8	June Lake	Snow storage site
Toll Road and Bridge Plazas				
NONE				

Figures – Provide location map(s) with format and content determined by The Department

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>.

4.0 HIGH RISK AREAS

A list of high risk areas within District 9 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department's owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

SECTION FOUR

District 9 Regional Work Plan

Road Segment/ Facility	County	High Risk Area	Description	Comments
U.S. Hwy 395, PM 9.5	Inyo	Little Lake	Water supply reservoir for surrounding communities. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 158, PM 2.3/3.3	Mono	June Lake System	Water supply reservoir for town of June Lake. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 158, PM 3.3/14.4	Mono	June Lake Down Canyon	Water supply reservoir for town of June Lake. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.

SECTION FOUR

District 9 Regional Work Plan

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 182, PM 0.0/12.0	Mono	East Walker River	Water supply source the Bridgeport Reservation. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 108, PM 12.9	Mono	West Walker River	Water supply source for the towns of Walker, Coleville, and Topaz. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 395, PM 96.0/106.0	Mono	West Walker River	Water supply source for the town of Bridgeport. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	
*				

* This is a partial list.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	A*	09-30110_	INYO	0	L5949	Scenic pullouts at various locations.		SWPPP	5+	7/02				
2	D	09-28430_	INYO	6	0.1/8.4	Thick blanket (CAPM) near Bishop on Rte 6 from Wye Rd. to 0.2 KMs of Chalfant Rd (KP 0.2/13.4;KP 0.0/7.2	Owens River	303(d)	<5		5/02		1/1/03	
3	A*	09-30520_	INYO	127	0.0/49.4	Operational improvements near Shoshone from Rte 15 in SB Co. to the Nevada Stateline, at various locations (KPX 0.0/79.5). Special studies.		401	<5	12/1/01				
4	A*	09-29690_	INYO	190	28.8/33.0	Drainage improvement near Keeler from 6.8 KM East Junction Rte 136 to 2.7 KM West Talc City Rd (KPX046.3-X053.1)	Centennial Wash	SWPPP 401	20	12/01	11/02	3/05	9/05	12/05
5		09-30480_	INYO	190	65.9/75.0	Realignment near Panamint Springs from 0.8 KM East Vista Point to 2.4 KM West Wildrose Road (KPX106.1/120.7)	Panamint Springs	SWPPP	40	7/02	7/03	7/04		
6	C	09-310301_	INYO	190	78.0/86.5	Resurface Roadway (CAPM) near Panamint Springs from 5.6 KM West of Wildrose to 1.3 KM West of Grotto Canyon Rd (KPX117.5/139.2)	Panamint Springs	401	<5	12/01	12/01	12/01		
7	B	09-27310_	INYO	395	112.9/115.0	Widening, dig outs, and AC overlay near Bishop from Warm Springs Rd to J St in Bishop (KP{X181.7/X185.1)		SWPPP	5+	10/1/02	10/02	10/04		
8	A*	09-30060_	INYO	395	17.9	Construct new SB SRR near Coso Junction at Coso Rd (KPX28.8)		SWPPP	5+	8/24/01				
9	B	09-21480_	INYO	395	70.3/76.1	Widen to 4 lane expressway near <u>Independence</u> from 4.3 KM South Mazourka Canyon Rd to 1.0 KM North Shabbell Lane (KPX113.1/X122.8)		SWPPP	8		7/03	8/04		

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
10	B	09-21460_	INYO	395	77.3/9106	Widen to 4 lane expressway near Independence (<u>Blackrock</u>) from 0.3 KM North to North Fort Rd to 0.2 KM South of Elna Rd (KPX124.4/X147.4)		SWPPP 401	300		10/1/02	10/03	8/04	4/06
11	A*	09-30150_	INYO	395	84.0	Rehab existing rest area near Independence at Division Creek Roadside Rest (KPX135.2)	Canal	401	<5	12/01				
12	A*	09-30330	INYO	395	84.0	Construct new SB SRR near Big Pine at Division Creek Safety Roadside Rest (KPX135.2)	Canal	SWPPP	5+	8/24/01				
13	B	09-25800	INYO	395	117.9/122.4	Recycle, widen shoulders, AC overlay.		SWPPP	10		9/1/03	9/05		
14	B	09-21340	INYO	395	30.8/41.8	Construct 4 lane expressway (<u>Olancho</u>).		SWPPP	8	1/22/99	8/04	11/08		
15	B	09-28790	INYO	395	99.0/100.8	Sidewalks, drainage, AC overlay.		401	<5		2/1/02	8/03	2/04	12/04
16	B	09-29550	INYO	395	R0.0/R11.8	Widening, curve realignment, overlay.	Little Lake	401	5	8/31/99	2/06	8/07	3/08	10/09
17	B	09-21440_	INYO	395	R65.2/R71.2	Widen to 4 lane expressway near Independence (<u>Manzanar</u>) from 0.6 KM South of LADWP Aqueduct Bridge # 48-14 to 2.9 KM South of Mazourka Canyon Rd (KPX104.9/114.6)		SWPPP 401	150		7/1/02	9/03	7/04	1/07
18	B	09-26350_	MNO	0	L5705	Construct new maintenance station near Lee Vining 2.6KM South of the North Junction of Rte 158.		SWPPP	5+		10/1/02			
19	D	09-27970_	MNO	108	3.0/3.1	Replace bridge in Mono County about 19 KM West of Sonora Junction at Soda Creek Bridge.	Soda Creek	401	<5	9/3/97	6/29/99	10/16/00	3/27/01	11/1/02
20	D	09-28810	MNO	158	0.0/6.0	Resurfacing roadway (CAPM) near June Lake from Junction Rte 395 to 0.2 KM North of Power House Rd (KPX0.0/9.7)	June Lake, Gull Lake, Reverse Creek	401 301(d)	<5	8/31/99	10/27/99	8/1/02	3/1/03	11/03

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	D	09-28760_	MNO	158	2.5/2.9	Install new concrete sidewalk in Mono County in June Lake from West Big Rock Rd to Gull Lake Rd.	June Lake, Gull Lake, Reverse Creek	303(d)	<5	3/6/98	3/8/99	9/11/00	10/12/01	7/1/02
22	A*	09-30080_	MNO	203	0.0/0.6	Drainage correction in Mammoth Lakes (<u>Minaret Drainage</u>) from the Madera County line to 1.0 Km East (KPX0.0/1.0)		401	<5	8/24/01	11/13/01	12/01		
23	D	09-28460_	MNO	203	4.8/8.7	Dig outs, crack seal, AC overlay in <u>Mammoth (rehab)</u> from Lake Mary Rd to Rte 395 (KPX7.7/14.0)		401	<5	9/27/97	11/5/99	10/19/01		12/1/02
24	D	09-25480_	MNO	395	113.2/114.5	Construct passing lanes near Coleville (<u>Topaz passing lanes</u>) from 0.2 KM North of Cunningham Lane to 0.5 KM South Topaz Lane (KPX181.0/182.3)	Irrigation ditches	SWPPP	5+	6/27/91	6/25/99	8/31/01		1/1/03
25	A*	09-23770_	MNO	395	117.9/119.4	Realign & curve correction near Topaz (<u>High Point</u>) from 1.4 KM North Rte 89 to 0.8 KM South of Nevada Stateline (KPX189.7/192.2)	Topaz Lake	SWPPP 303(d)	5+	3/16/00	10/07	4/09		10/11
26	D	09-213111	NMO	395	44.5/51.3	Widen highway in Mono County near Lee Vining from 2.4 KM South of South Junction Rte 120 to 1.0 KM North of Junction Rte 120.	Lee Vining Creek, Rush Creek	SWPPP 401	5+	12/21/87	8/27/97	9/13/99	4/5/00	10/1/02
27	D	09-2788U_	MNO	395	51.2/52.8	Resurface existing highway in Mono County in/near Lee Vining from Lee Vining Ave to 0.5 KM South of Picnic Grounds Rd.	Mono Lake	401 303(d)		9/23/97	8/19/99	9/29/00	3/28/01	7/1/02
28	B	09-26990	MNO	395	52.8/55.9	Widen shoulders & construct pullouts near Lee Vining from 0.5 KM South Picnic Ground Rd to 0.3 KM North of Cemetery Rd (KPX85.0/90.0)	Mono Lake	SWPPP 401 303(d)	5+	7/22/97	10/1/02	1/05	7/05	1/07

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
29	A*	09-26410_	MNO	395	57.8/60.2	Widen to 4 lanes near Mono Lake from 0.6 KM South Rte 167 to 0.3 KM North Conway Ranch Rd (KPX93.0/X96.9)	Mono Lake	SWPPP 401 303(d)	5+	12/28/98				
30	B	09-30180_	MNO	395	36.1/93.1	Resurface roadway (CAPM)		401	<5	10/10/00	11/15/00	1/02	7/02	1/03
31	B	09-30430_	MNO	395	66.0/68.0	Widen shoulders and construct pullouts near Mono Lake from 4.0 KM North Virginia Lakes Rd to 3.0 KM South Junction 270.	Mono Lake	SWPPP 401 303(d)	5+	12/1/01				
32	B	09-26900_	MNO	395	R0.0/R10.3	AC overlay, shoulder widening		SWPPP	5+	11/4/94	10/02	10/04	6/05	10/07
33	C	09-308401	MNO	395		SW improvements	Mono Lake	401 303(d)	<5		10/01		5/02	01/02
34		09-28220_	MNO	6	0	Rehab pavement and construct new bridge.	Spring Canyon Creek	SWPPP	5+	10/31/96	5/9/00	7/16/01	3/02	1/03

+ This is a partial list.

*** Criteria**

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

**** SWMP Category is defined in Section 4.4.1, Table 4-3.**

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved, but Environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Maintenance Facility and Activity Inspections							
All 13 Maintenance Facilities are scheduled for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
Guidelines for BMPs at sand storage sites are currently under development and will be detailed upon completion.							
Fueling and spill cleanup instructions will be posted.							
Lee Vining Maintenance Station will install oil and water separators.							
Triangular silt dike barrier will be installed for stock piles on road and in maintenance facilities.							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements are currently under development and will be detailed upon completion.							
Vactor waste disposal guidelines are currently under development and will be detailed upon completion.							
Snow and Ice removal guidelines are currently under development and will be detailed upon completion.							
Road Grinding Reuse guidelines are currently under development and will be detailed upon completion.							

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management					
Seed storage at Bishop (erosion control program).					
<p>The District 9 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 2002/03 to the RWQCB by May 15, 2002.</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the Statewide Monitoring Program described in the Storm Water Monitoring Plan FY 2001/02.
Continued monitoring at the storm water runoff station located northbound on U.S. Hwy 395 PM 0.17/0.2.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
BMP training is given every 10 days to the maintenance crew.
Salt and cinder calibration training will be provided to maintenance crew.
Quarterly training on storm water issues will be provided to crews.
Two public outreach presentations/workshops are planned for federal, other state, and local agencies (including Tribal Entities).
Two training seminars are planned for all Functional Units within the District.
Municipal Coordination
Coordination for discussions and/or meetings are currently under development with Lahontan RWQCB and will be detailed upon completion.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICT

10

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 5b

Central Valley Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation

District 10
P.O. Box 2048
Stockton, CA 95201

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region, 5b
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 10

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

MARK LEJA
District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department's Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-03 as required by the Department's Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on the Department's facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

District 10 Regional Work Plan

2.0 THE DEPARTMENT'S PERSONNEL AND RESPONSIBILITIES

Portions of the Department's 10 fall within the jurisdiction of the Regional Water Quality Control Board, Central Valley Region. An organization chart for District 10 is included in Figure 2-1. Staff responsible for implementing the SWMP within the Central Valley Region jurisdiction are listed in Table 2-1.

TABLE 2-1: THE DEPARTMENT'S STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	marc_boswell@dot.ca.gov	Primary contact for all Central Region storm water issues.
Darren Cousineau (Acting)	District NPDES Storm Water Coordinator	(559) 243-8007	darren_cousineau@dot.ca.gov	Primary contact for all District 10 storm water issues.
Larry Lowe	Central Region Storm Water Construction Coordinator	(559) 444-2594	larry_lowe@dot.ca.gov	Primary contact for construction-related storm water issues.
Logan Houston	District 10 Maintenance Storm Water Coordinator	(209) 576-6315	lhouston01@dot.ca.gov	Primary contact for maintenance-related storm water issues.
Allan Shafer	District 10 Maintenance Storm Water Coordinator	(209) 576-6319	ashafe01@dot.ca.gov	Primary contact for maintenance-related storm water issues.

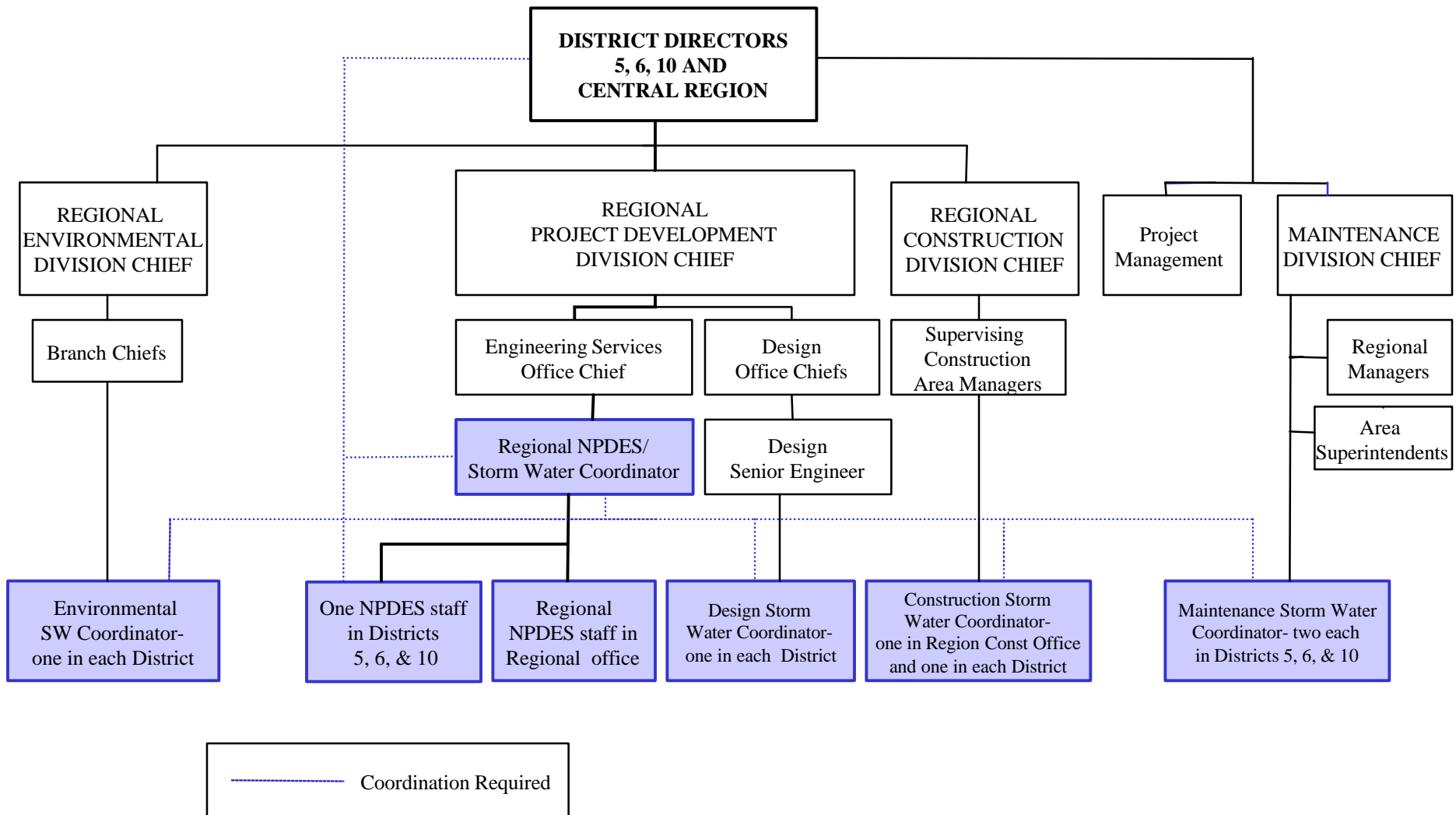
In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Mark Leja, District Director	All District-related storm water documents.
Marc Boswell, Regional Storm Water Coordinator	All Central Region storm water-related documents except Annual Report Certification.
Design Seniors	Notification of Construction
Maintenance Superintendent	Maintenance activity reports.
Resident Engineers	SWPPP Approval, Notice of Completion

**DISTRICTS 5, 6, 10 and CENTRAL REGION
STORM WATER ORGANIZATIONAL CHART**

FIGURE 2-1



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department's facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department's facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 10 boundaries within the Central Valley Regional Water Quality Control Board, and major roads and highways are presented on Figure A-20 obtained from the State Wide Storm Water Management Plan.

TABLE 3-1: DISTRICT 10 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
SJ	4	18.0	Stockton	District 10 Office
SJ	5	16.2	Stockton	Landscape Maintenance
STA	99	14.5	Modesto Electrical	Special Crews
CAL	49	8.0	Altaville	Highway Maintenance
CAL	004	60.0	Cabbage Patch	Highway Maintenance
CAL	4	49.6	Camp Connell	Highway Maintenance
ALP	88	1.9	Caples Lake Winter	Highway Maintenance
MPA	49	44.8	Coulterville	Highway Maintenance
TUO	120	32.7	Groveland	Highway Maintenance
AMA	124	2.0	Ione	Highway Maintenance
SJ	99	30.7	Lodi	Highway Maintenance
TUO	108	19.0	Longbarn Crew	Highway Maintenance
MER	152	21.4	Los Banos	Highway Maintenance
MER	99	13.0	Merced	Highway Maintenance
MPA	140	29.4	Midpines	Highway Maintenance
STA	99	16.9	Modesto	Highway Maintenance
STA	5	15.9	Patterson	Highway Maintenance
AMA	88	54.0	Peddler Hill	Highway Maintenance
AMA	88	22.9	Pine Grove	Highway Maintenance
TUO	049	12.0	Sonora	Highway Maintenance
SJ	4	18.0	Stockton	Highway Maintenance
SJ	205	6.0	Tracy	Highway Maintenance
CAL	026	34.8	West Point	Highway Maintenance
ALP	89	21.7	Woodfords	Highway Maintenance
Vista Points				
ALP	88	5.6	Carson Pass	Vista Point
AMA	88	63.9		Vista Point
CAL	49	5.6		Vista Point
AMA	88	52.6	Peddler Hill	Vista Point
AMA	88	59.8	Shotrock (USFS)	Vista Point
AMA	88	61.5	Devil's Garden	Vista Point
AMA	88	63.1		Vista Point
ALP	4	3.4		Vista Point
CAL	49	0.5		Vista Point
MPA	49	3.6		Vista Point
MPA	49	9.0		Vista Point
MPA	49	34.6		Vista Point
STA	5	5.2	Dos Amigos	Vista Point

SECTION THREE

District 10 Regional Work Plan

CO	Route	PM	Name	Comments
Vista Points (Continued)				
STA	5	3.8		Vista Point
STA	5	12.8		Vista Point
TUO	120	19.3	Don Pedro Lake	Vista Point
TUO	120	21.6	Don Pedro Lake	Vista Point
TUO	120	44.6	Rim of the World (USFS)	Vista Point
Commercial Vehicle Enforcement Facilities				
CAL	4	29.7	Murphys	Westbound (WB)
MER	5	23.4	Santa Nella	Southbound (SB)
MER	5	23.5	Santa Nella	Northbound (NB)
MER	99	0.9	Chowchilla River	NB
MER	99	32.7	Livingston	SB
TUO	108	17.2	Lyons Dam	Westbound (WB)
Safety Roadside Rest Areas				
STA	5	27.2	Westley	0.9 mi. S of San Joaquin Co Line; NB & SB
STA	99	0.5	Enoch Christoffersen	NB & SB
MER	5	0.7	John "Chuck" Erreca	0.7 mi. N of Fresno Co Line
Park And Ride Facilities				
SJ	99	31.0	Lodi	NE corner Route 12 (Victor Rd) in Lodi
SJ	12	10.3	Thornton Road	SE corner Thornton Road IC, W of Lodi
SJ	99	22.9	Hammer Lane	SW corner Hammer Lane in Stockton
TUO	120	32.2	Ponderosa Lane	11878 Ponderosa Lane in Groveland
Sand And Salt Staging Areas				
TUO	120	50.8	Hardin Hill	Sand and Salt Storage
AMA	88	66.5	Mills Place	Sand and Salt Storage
AMA	88	46.5	Mudsprings	Sand and Salt Storage
ALP	88	13.4	Picketts	Sand and Salt Storage
MPA	49	8.0	Tip Top	Sand and Salt Storage
Snow Storage Sites				
None				
Toll Road And Toll Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department's facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 10 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department's owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 152, PM 2.5,11	Merced	San Luis Reservoir/O'Neill Forebay	The San Luis Reservoir/O'Neill Forebay provides a domestic water supply source for approximately 3,000 residents of the municipalities of Santa Nella and Dos Palos. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	State Route 152, within the tributary boundaries of the San Luis Reservoir and O'Neill Forebay, will be further evaluated to determine the risk to the municipal water supply source. The Department will consider and implement spill containment and prevention control measures as appropriate.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	10-1A680	AMA	0	L5718	CONSTRUCT NEW MAINTENANCE STATION		SWPPP	5	10/22/1997	7/1/2003	11/1/2005	5/1/2006	12/1/2006
2	D	10-04993_	AMA	49	R7 / R11	CONST EXPRESSWAY ON NEW ALIGNMENT "SUTTER CREEK BYPASS, FROM ROUTE 104" (RIDGE ROAD) TO 0.2 MILES SOUTH OF RANCHERIA CREEK BRIDGE. (KP R11.3/R17.7)	SUTTER CREEK, RANCHERIA CREEK	401 SWPPP	34	10/11/2000	12/1/2001	8/1/2002	5/6/2003	4/4/2006
3	B	10-26445_	AMA	88	2.7 / 3.3	""REPLACEMENT OF THE JACKSON CREEK" "AND JACKSON CREEK OVERFLOW BRIDGES"" IN JACKSON VALLEY FROM JUST WEST OF THE JACKSON CREEK OVERFLOW BR TO JUST WEST OF JACKSON VALLEY RD.	JACKSON VALLEY CREEK	401 SWPPP	2.3	NA	10/1/2002	12/1/2004	3/1/2005	5/1/2006
4	D	10-26444	AMA	88	0/5.5	ROADWAY REHABILITATION	JACKSON CREEK, JACKSON CREEK	401 SWPPP	11.2	NA	11/30/2001	1/1/2003	4/2/2003	7/1/2005
5	B	10-40640	AMA	88	42/47	CONSTRUCT PASSING LANES AND TWO WAY LEFT TURN LANE		SWPPP	5	3/31/1999	6/30/2002	7/1/2003	12/1/2003	11/1/2004
6	D	10-35240	AMA	88	R60.8/R67	STRUCTURAL SECTION REPAIR	SILVER LAKE		5	7/30/1993	6/11/1999	6/28/2000	11/15/2000	7/1/2003
7	B	10-36250	CAL	4	R21.1/R23.4	CONSTRUCT 2 LANE EXPRESSWAY ON NEW ALIGNMENT	ANGELS CREEK	401 SWPPP	50	6/21/1993	1/1/2002	3/1/2005	10/1/2005	6/1/2007
8	B	10-0F280_	CAL	4	43.8 / 44.2	CONSTRUCT WALL FOR SEDIMENT CONTROL IN CALAVERAS COUNTY AT BIG TREES STATE PARK. (KP 70.5/71.1)	BIG TREES CREEK	401 SWPPP	1	8/24/2001	1/1/2007	3/1/2008	6/1/2008	9/1/2008
9	B	10-37930_	CAL	12	3 / 10.2	STRUCTURAL SECTION REPAIR NEAR WALLACE FROM 0.8 KM E OF SOUTH WORTH RD TO 0.3 KM E RTE 26 (KP 4.8/16.4)	MOKELUMNE RIVER, BEAR CREEK	303(d) SWPPP	40	6/14/1993	7/1/2002	1/1/2004	6/1/2004	10/1/2007
10	B	10-49840	CAL	26	7.2/8.3	CURVE CORRECTION AND WIDEN	INDIAN CREEK	401 SWPPP	17	11/22/1999	10/1/2001	13/1/03	6/1/2004	10/1/2005
11	B	10-0F310	MER	5	24.9/30.3	CONSTRUCT MEDIAN BARRIER FROM THE WEST BANK UNDERCROSSING TO THE TALGIO ROAD OVERCROSSING (KP 40.1/48.4	CALIFORNIA AQUEDUCT, DELTA-MENDOTA CANAL	SWPPP	13	9/24/2001	12/1/2003	3/1/2005	8/1/2005	12/1/2006
12	D	10-1A070_	MER	59	27.2 /	REPLACE BRIDGE (SCOUR) NEAR SNELLING AT MERCED RIVER BRIDGE BR# 39-71 (KP 43.7)	MERCED RIVER	303(d) SWPPP	1	10/17/1997	3/1/2002	10/1/2002	4/1/2003	12/1/2004
13	B	10-3A270_	MER	59	15.2/16.3	REHAB FIVE BRIDGES	BLACK RASCAL CREEK	401 SWPPP	7	9/14/2001	10/1/2004	3/1/2006	9/1/2006	12/1/2008
14	B	10-0F650	MER	59	22.6/23.3	INTERSECTION IMPROVEMENT		SWPPP	22	9/14/2001	12/1/2007	6/1/2009	11/1/2009	9/1/2010
15	B	10-0G440_	MER	59	R14.8 / R19	CONSTRUCT NEW 4-LANE EXPRESSWAY W/ IC AT RTE 99 & SANTA FE AVE. IN THE CITY OF MERCED AT SR 59/99 INTERCHANGE & FROM SR 99 TO BELLEVUE AVENUE. (KP R 23.8/30.6)	BLACK RASCAL CREEK, BEAR CREEK, CANAL CREEK	SWPPP	60	6/30/2001	8/1/2010	10/1/2013	4/1/2014	12/1/2016
16	B	10-41580_	MER	99	0 / 4.6	4E TO 6F ON 8F R/W ALIGNMENT NEAR MERCED FROM MADERA COUNTY LINT TO BUCHANAN HOLLOW RD (KP 0.0/7.4)	CHOWCHILLA RIVER, DUTCHMAN CREEK, SOUTH DUTCHMAN CREEK	401 SWPPP	200	2/2/1999	1/1/2003	3/1/2005	11/1/2005	11/1/2008
17	D	10-2A360_	MER	99	12.8 / 23.7	INSTALL MEDIAN BARRIER IN MERCED FROM 0.5 KM S OF CHILDS AVE OC TO 0.4 KM N OF WEST ATWATER OH (KP 20.6/38.1)	BEAR CREEK, BLACK RASCAL CREEK, TRININDADE CREEK, CANAL CREEK, ATWATER CREEK	SWPPP	31	6/30/2000	6/30/2000	2/1/2002	6/1/2002	6/6/2003
18	B	10-41570_	MER	99	4.6 / 10.5	4E TO 6F ON 8F R/W ALIGNMENT NEAR MERCED FROM BUCHANAN HOLLOW RD TO 0.5 KM S OF HEALY RD (KP 7.4/17.7)	DEADMAN CREEK, MARIPOSA CREEK, DUCK SLOUGH	401 SWPPP	350	NA	1/1/2003	3/1/2005	11/1/2005	11/1/2008

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
19	B	10-36310_	MER	99	10.2/12.8	4E TO 4F ON 8F R/W ALIGNMENT IN MERCED FROM MC HENRY RD TO 0.4 KM SOUTH OF CHILDS AVE OC (KP 17.0/20.6)	MILES CREEK, OWENS CREEK	401 SWPPP	130	5/24/2001	5/24/2001	2/1/2004	9/1/2004	9/1/2007
20	B	10-48100_	MER	99	13.9/14.4	WIDEN 15TH ST UC AND REPLACE EAST MERCED OH		SWPPP	5	8/21/2001	8/21/2001	1/1/2004	8/1/2004	11/1/2006
21	B	10-41480	MER	99	23.8/26.8	4E TO 6F ON 8F R/W ALIGNMENT		SWPPP	69	7/1/1991	1/1/2002	3/1/2004	10/1/2004	12/1/2006
22	B	10-0A520	MER	99	24.6/26.3	CLOSE MEDIAN CROSS OVER AND CONSTRUCT FRONTAGE RD		SWPPP	44	10/15/1997	1/1/2002	3/1/2004	8/1/2004	12/1/2006
23	B	10-31696	MER	99	26.8/R29.0	4E TO 6F ON 8F R/W ALIGNMENT		SWPPP	62	NA	11/1/2001	3/1/2003	10/1/2003	12/1/2005
24	D	10-0A580_	MER	140	27 / 30.2	AC OVERLAY AND WIDEN SHOULDER NEAR MERCED FROM MC SWAIN RD LEFT TO 1.2 KM E OF APPLGATE RD (KP 43.4/48.6)	MID IRRIGATION CANALS	401 SWPPP	5	5/22/1997	8/26/1997	3/1/2002	8/1/2002	12/1/2003
25	B	10-3A680_	MER	152	22.8 / 36.7	CAPM ON EASTBOUND PCC LANES ""(GRINDING)"" IN AND NEAR LOS BANOS FROM SAN LUIS CANAL TO SAN JUAN CANAL AND FROM LODI RD TO WILLIS ROAD. (KP R36.8/R59.1)	RITA SLOUGH	SWPPP	84	9/14/2001	1/1/2003	2/1/2004	8/1/2004	2/1/2005
26	B	10-38150_	MER	165	26.9 / 30	AC OVERLAY AND DIGOUTS NEAR STEVINSON FROM RTE 140 TO 0.2 KM S OF WESTSIDE BLVD RIGHT (KP 43.2/48.3)	EAST SIDE IRRIGATION CANAL	401 SWPPP	44	7/23/1993	7/1/2002	7/1/2003	12/1/2003	12/1/2004
27	B	10-38220_	MER	165	L0 / L11.7	REHABILITATE THE EXISTING ASPHALT CONCRETE ROADWAY. NEAR LOS BANOS FROM RTE 5 TO HENRY MILLER RD (KP L0.0/18.8)	OUTSIDE CANAL,MAIN CANAL	SWPPP	20	9/25/2000	7/1/2002	3/1/2004	10/1/2004	10/1/2005
28	B	10-1A840_	MPA	49	17.1/17.5	REALIGN AND BRIDGE	MARIPOSA CREEK, STOCKTON CREEK	401 SWPPP	6	6/29/2001	3/1/2002	7/1/2003	1/1/2004	10/1/2007
29	B	10-0E800_	MPA	140	50.9 / 51.2	REPAIR UNDERMINED CONCRETE ROCK SLOPE PROTECTION. "IN MARIPOSA CO ON SR 140, ADJACENT" TO MERCED RIVER AND APPROXIMATE 1.1 KM WEST OF YOSEMITE NATIONAL PARK BOUNDARY. (KP 81.9/82.4)	MERCED RIVER	401 303(d) SWPPP	30	8/24/2001	10/1/2004	10/1/2006	1/1/2007	1/1/2008
30	B	10-0E480	MPA	140	0/5.9	IMPROVE ROADWAY ALIGNMENT AND CONSTRUCT SHOULDERS	MILES CREEK	401 SWPPP	35	2/2/2000	10/1/2007	7/1/2010	1/1/2011	10/1/2014
31	A	10-0G240_	SJ	5	1.1 / 34.5	RESURFACE BRIDGE DECKS. IN SAN JOAQUIN CO AT VARIOUS LOCATIONS FROM HOSPITAL CREEK BRIDGE TO PIXLEY SLOUGH BRIDGE. (KP 1.8/55/5)	HOSPITAL CREEK, CALIFORNIA AQUEDUCT, DELTA MENDOTA CANAL. TOM PAINE SLOUGH,PARADISE CUT, FRENCH CAMP SLOUGH, WALKER SLOUGH, SAN JOAQUIN RIVER	303(d) SWPPP	BR DECK ONLY	8/24/2001	NA	NA	NA	NA
32	C	10-3A260_	SJ	5	26.5 / 27	REHABILITATE BRIDGE IN STOCKTON AT STOCKTON CHANNEL VIADUCT BR# 29-176R/L (KP 42.6/43.4)	STOCKTON CHANNEL VIADUCT	303(d) SWPPP	1	3/23/2001	3/23/2001	1/1/2003	8/1/2003	8/1/2005
33	D	10-0F780	SJ	5	14,5	RESURFACE BRIDGE DECK	SAN JOAQUIN RIVER	303(d) SWPPP		NA	9/1/2001	2/1/2002	8/1/2002	12/1/2002
34	D	10-2A590	SJ	5	R13.1/R25.3	CONSTRUCT MEDIAN BARRIER	SAN JOAQUIN RIVER, PARIDISE CUT	SWPPP	5	9/25/2000	9/29/2000	11/1/2001	1/1/2002	8/1/2003
35	B	10-3A120_	SJ	5	R13.9 / R15.6	WIDEN NORTHBOUND 1-5 NEAR STOCKTON FROM 0.1 KM N OF PARADISE CUT OVERFLOW BRIDGE TO 0.7 KM N OF RTE 120 NORTHBOUND ON RAMP TO RTE 5 (KP R22.4/R25.1)	SAN JOAQUIN RIVER	401 303(d) SWPPP	3	9/30/2000	2/1/2004	2/1/2004	6/1/2004	12/1/2006

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36	B	10-0A840_	SJ	12	.1 / 10.1	ADD PASSING LANES AT 2 LOCATIONS AND WIDEN SHOULDERS FROM MOKELUMNE NEAR TERMINUS FROM SACRAMENTO COUNTY LINE TO RTE 5 (KP 0.2/16.3)	MOKELUMNE RIVER	401 303(d)	37	9/9/1997	1/1/2003	12/1/2003	5/1/2004	4/1/2005
37	D	10-49900_	SJ	26	15.4 / 15.9	REALIGN EXISTING CURVE FROM 0.6 KM TO 1.4 KM E OF ESCALON BELLOTA ROAD (KP 24.6/25.6)	CALAVERAS RIVER, DUCK CREEK,	401 SWPPP	4	2/5/2001	2/5/2001	6/30/2002	6/1/2003	#####
38	B	10-2A420_	SJ	26	20.3 / 20.5	PAVEMENT REHABILITATION ON RTE 26 IN SJ CO FROM OSPITAL/ WIMER RD TO THE CALAVERAS CO LINE & IN CALAVERAS CO FROM THE SJ CO LINE TO SAVAGE WAY. (KP 0.0/4.9).		SWPPP	37	8/26/1999	10/1/2002	3/1/2005	6/1/2006	8/1/2007
39	B	10-27920	SJ	88	5.1/12.3	REHABILITATE ROADWAY, REPLACE STRUCTURES AND WIDEN SHOULDERS	CALAVERAS RIVER, BEAR CREEK, BEAR CREEK OVERFLOW	401 SWPPP	5	10/31/1997	2/1/2005	8/1/2007	12/1/2007	10/1/2009
40	B	10-0C880_	SJ	99	20.1 / 34.7	UPGRADE PLANTING AND IRRIGATION IN AND NEAR STOCKTON AND LODI AT VARIOUS LOCATIONS FROM 0.3 KM S OF RTE 88 TO 0.3 KM N OF PELTIER RD (KP 32.3/55.8)	CALAVERAS RIVER, MOKELUMNE AQUEDUCT	303(d) SWPPP	5.6	9/25/2000	3/1/2002	10/1/2003	3/1/2004	5/1/2006
41	D	10-1A700	SJ	99	14.1/15	CONSTRUCT INTERCHANGE AND RECONSTRUCT AUXILIARY LANES	NEW WEBER SLOUGH, LITTLE JOHN CREEK	401 SWPPP	14.6	8/10/2000	8/10/2000	10/1/2001	2/1/2002	7/1/2005
42	B	10-3A100	SJ	99	15/18.6	WIDEN TO 6 LANES	DUCK CREEK	401 SWPPP	16	11/28/2000	8/1/2006	1/1/2011	8/1/2011	11/1/2015
43	D	10-0A740_	SJ	120	9.4 / 16.6	AC OVERLAY AND WIDEN SHOULDER NEAR MANTECA FROM 0.9 KM E OF JACK TONE RD TO 0.1 KM E OF IRWIN AVE (KP 15.1/26.7)		SWPPP	9.2	6/28/2000	6/28/2000	12/1/2002	6/1/2003	10/1/2004
44	A	10-0G490_	SJ	205	0 / 1.2	CONSTRUCT WESTBOUND TRUCK BYPASS ROUTE. " ALONG I-205, IN BOTH SJ CO & FROM" WB MOUNTAIN HOUSE PARKWAY & IN ALA CO TO 3 KM W/OF THE WB GRANT LINE ROAD. "(KP 0.0/19.3), (0.0/5.9)"	CALIFORNIA AQUEDUCT, DELTA-MENDOTA CANAL	401 SWPPP	180	6/1/2001	NA	NA	NA	NA
45	C	10-47080_	SJ	205	L0 / L1.4	CONSTRUCT 580/205 TRUCK BYPASS. ""580/205 TRUCK BYPASS"" IN ALAMEDA COUNTY ON RTE 580 FROM COUNTY LINE TO 1.5 KM W OF GRANT LANE RD UC AND ON RTE 205 FROM CALIF AQUEDUCT TO RTE 580/205 JCT (KP 0.0/2.3) (KP L0.0/0.4)		SWPPP	5	9/19/1995	3/1/2002	8/1/2002	7/1/2003	12/1/2004
46	B	10-30016_	SJ	205	R3 / R13.6	WIDEN 4 LN TO 6 LN FWY IN TRACY FROM OLD U. S. 50 OVERCROSSING TO ROUTE 5. (KP R4.8/R21.9)	TOM PAINE SLOUGH, PARIDISE CUT	SWPPP	5	11/25/1991	8/1/2002	3/3/2004	7/1/2004	7/1/2006
47	B	10-0G200	STA	4	R1.68/	SCOUR PROTECTION	ROCK CREEK	401 SWPPP	2	NA	1/1/2004	8/1/2004	4/1/2004	12/1/2004
48	B	10-2A770	STA	99	11.9	RECONSTRUCT INTERCHANGE		SWPPP	12	6/29/2001	7/23/2001	7/2/2004	2/1/2005	7/6/2007
49	B	10-0F730	STA	99	15/23.3	HIGHWAY PLANTING	TUOLUMNE RIVER	303(d) SWPPP	4.4	8/23/2001	4/1/2003	7/1/2004	11/1/2004	11/1/2009
50	D	10-2A580_	STA	99	R12.2 / R22.4	INSTALL MEDIAN BARRIERS IN STANISLAUS COUNTY IN AND NEAR MODESTO AT VARIOUS LOCATIONS FROM 0.5 KM NORTH OF WHITMORE AVENUE UNDERCROSSING TO 0.3 KM SOUTH OF ROUTE 219/99 SEPARATION BRIDGE		SWPPP	30	3/30/2000	3/31/2000	6/1/2001	8/22/2001	7/2/2002

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
51	D	10-49950_	STA	99	R13.1 / R24.8	HIGHWAY PLANTING AND IRRIGATION IN STANISLAUS COUNTY IN AND NEAR MODESTO AT VARIOUS LOCATIONS	TUOLUMNE RIVER	303(d) SWPPP	9.8	6/30/1999	6/30/1999	6/1/2000	8/11/2000	3/1/2003
52	B	10-0F720_	STA	99	R9.9 / R15	HIGHWAY PLANTING. SOUTH OF MITCHELL RD TO 9 TUOLUMNE RIVER. (KP15.9/24.1)	TUOLUMNE RIVER	303(d)	3.7	9/25/2000	7/1/2003	4/1/2004	11/1/2004	7/1/2009
53	B	10-3A410	STA	108	27.6/37.3	WIDEN TO FOUR LANES WITH CONTINUOUS 2WAY LEFT TURN LANE	HETCH-HECHEY CANAL	401 SWPPP	65	3/31/1999	7/1/2004	NA	NA	NA
54	D	10-34540_	STA	120	3 / 12.9	CONST 2 LN EXPRESSWAY ON NEW ALIGNMENT (R/W FOR ULTIMATE 4 LANE FREEWAY) 0.1 MILE WEST OF VALLEY HOME ROAD TO 2.8 MILE EAST OF LANCASTER ROAD (OAKDALE BYPASS) (KP 4.5/R20.8)	COYOTE CREEK, LESNINI CREEK,STANISLAUS RIVER	401 303(d) SWPPP	380	NA	10/1/2002	3/1/2004	6/1/2005	11/1/2007
55	D	10-27882_	STA	132	13 / 15	STRUCTURAL SECTION REPAIR IN MODESTO FROM 0.6 KM W OF CARPENTER RD TO 9TH & L ST (KP 20.9/24.2)		SWPPP	15	6/28/2000	6/28/2000	6/1/2003	11/1/2003	11/105
56	B	10-3A650	STA	132	L15/L16.8	AC OVERLAY	DRY CREEK	401 SWPPP	2	8/31/1999	1/1/2002	12/1/2003	6/1/2004	10/1/2005
57	B	10-40350_	STA	132	R11.1 / R14.7	CONSTRUCT 4 LANE EXPRESSWAY ON NEW ALIGNMENT AND SOUNDWALL IN MODESTO ON RTE 132 FROM NEBRASKA AVE TO RTE 99 AND ON RTE 99 FROM RTE 132 TO KANSAS AVE (KP R18.2/R23.7) (KP R25.9/R27.2)	CANAL	SWPPP	67	7/2/1993	8/1/2002	10/1/2004	4/1/2005	2/1/2007
58	B	10-0A870	STA	219	0.1/4.9	WIDEN TO 4 LANES AND INTERSECTION IMPROVEMENTS		SWPPP	5	10/17/1997	3/1/2002	3/1/2005	11/1/2005	12/1/2007

NA = NOT AVAILABLE

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

CRITERIA

- SWPPP = greater than 5 acres of land disturbance (1 acre after March 2003)
- 303d = 303(d) listed
- 401 = 401 Cert,
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = High Risk Area Present
- RB = RWQCB designated projects posing a threat to water quality

SECTION FIVE

District 10 Regional Work Plan

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Alpine	SR 88	10.9-25.2	Culvert cleaning and ditch cleaning adjacent to EF Carson River.	Carson River	LT	Responsive	Responsive
Alpine	SR 4	000.000-31.0	Culvert Cleaning and ditch cleaning adjacent to EF East Carson River	East Carson River	LT	Responsive	Responsive
Maintenance Facility and Activity Inspections							
Peddler Hill, Woodfords, Modesto, and Stockton Maintenance Facilities are scheduled for annual inspections by the District Maintenance Storm Water Coordinator.							
Four Maintenance Activities are scheduled for review, included are paving, shoulder backing, crack sealing, and vegetation spraying.							
Maintenance Facility BMP Improvements							
Material Storage Bin Canopies are scheduled for Tracy, Patterson, Modesto, Pine Grove MS							
Drain inlet silt traps scheduled for installation in Woodfords, Pine Grove, Longbarn MS							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements							
Vactor waste disposal							
Snow and Ice removal							
Road Grinding Reuse							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management					
<p>Vegetation Control Plan: The District 10 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing Program <p>Districts will provide the VCP for FY 2002/03 to the RWQCB by May 15, 2002.</p> <p>Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	
Vegetated Slope Inspection	I-5	SJ, Stan, Mer	FY 2002	None	
Vegetated Slope Inspection	99	SJ,Stan, Mer	FY 2002	None	
Vegetated Slope Inspection	580	SJ	FY2002	None	

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
<u>Maintenance:</u> On-going training on storm water issues will be provided to crews through the BMP Tailgate meetings every ten days or change of activities.
Six hour SW training given to the Maintenance Crews through Superintendent including shop personnel and field mechanics
Two-day training seminars are planned for each of the District maintenance and construction supervisors.
<u>Construction:</u> For FY 02/03 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 01/02 and new hires. We plan to use the modules that were assembled for 01/02 with some minor modifications.
<u>Adopt-A-Highway:</u> The Department's Adopt-A-Highway program is a continual reminder to participants and to the public of pride in their public property and of the unacceptability of proliferation of litter. 2001 District 10 Adopt-A-Highway volunteerism for this fiscal year is as follows. Litter Removal: 328 groups or individuals. Tree and Shrub Planting: 3 groups. Vegetation Management: 3 groups. Wildflower Planting: 10 groups. The same level of participation is anticipated to continue for 2002-2003.
Municipal Coordination
District 10 storm water coordinators participate in the Central Valley Storm Water Permittees Committee (CVSWPC). The CVSWPC meets quarterly in the County of San Joaquin for the purpose of information sharing and storm water activities coordination. Participants in this committee include the Department, County of San Joaquin, and the Cities of Fresno, Stockton, Modesto, and Sacramento. Storm water coordinators for District 10 also participate in the California Storm Water Task Force, an advisory committee to the State Water Resources Control Board.